

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052470.D
 Acq On : 27 Nov 2018 10:32
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/28/2018 9:33:32 AM

Quant Time: Nov 28 00:58:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 00:40:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1039083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1634653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1462803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	676004	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	573693	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.59	113	508340	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.09	98	2008190	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.40	95	677664	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	471208	48.432	ug/l	100
3) Chloromethane	2.06	50	636834	49.587	ug/l	100
4) Vinyl Chloride	2.19	62	648914	49.188	ug/l	100
5) Bromomethane	2.57	94	373071	45.322	ug/l	100
6) Chloroethane	2.71	64	388100	48.566	ug/l	100
7) Trichlorofluoromethane	3.02	101	796343	49.141	ug/l	100
8) Diethyl Ether	3.41	74	300202	50.164	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	494584	48.911	ug/l	100
10) Methyl Iodide	3.96	142	699457	51.935	ug/l	100
11) Tert butyl alcohol	4.77	59	140928	248.815	ug/l	100
12) 1,1-Dichloroethene	3.74	96	482706	49.592	ug/l	100
13) Acrolein	3.61	56	239632	268.941	ug/l	100
14) Allyl chloride	4.33	41	870388	51.884	ug/l	100
15) Acrylonitrile	4.99	53	919549	256.473	ug/l	100
16) Acetone	3.82	43	740962	248.303	ug/l	100
17) Carbon Disulfide	4.06	76	1496255	48.848	ug/l	100
18) Methyl Acetate	4.33	43	422382	49.345	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1297590	50.105	ug/l	100
20) Methylene Chloride	4.55	84	556506	47.656	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	525224	50.524	ug/l	100
22) Diisopropyl ether	5.95	45	1780644	50.532	ug/l	100
23) Vinyl Acetate	5.90	43	5623396	256.214	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1010541	50.227	ug/l	100
25) 2-Butanone	6.83	43	1075731	254.330	ug/l	100
26) 2,2-Dichloropropane	6.82	77	696839	50.038	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	600178	49.563	ug/l	100
28) Bromochloromethane	7.19	49	462643	50.344	ug/l	100
29) Tetrahydrofuran	7.21	42	687096	251.858	ug/l	100
30) Chloroform	7.37	83	972611	48.453	ug/l	100
31) Cyclohexane	7.65	56	967008	42.960	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	794522	49.957	ug/l	100
36) 1,1-Dichloropropene	7.79	75	767425	49.715	ug/l	100
37) Ethyl Acetate	6.93	43	461731	49.012	ug/l	100
38) Carbon Tetrachloride	7.78	117	695502	49.771	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052470.D
 Acq On : 27 Nov 2018 10:32
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/28/2018 9:33:32 AM

Quant Time: Nov 28 00:58:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 00:40:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	937846	49.985	ug/l	100
40) Benzene	8.04	78	2302874	50.058	ug/l	100
41) Methacrylonitrile	7.17	41	270737	52.566	ug/l	100
42) 1,2-Dichloroethane	8.12	62	696886	50.030	ug/l	100
43) Isopropyl Acetate	8.16	43	792221	49.692	ug/l	100
44) Trichloroethene	8.84	130	584823	49.629	ug/l	100
45) 1,2-Dichloropropane	9.12	63	610100	49.883	ug/l	100
46) Dibromomethane	9.21	93	339769	50.182	ug/l	100
47) Bromodichloromethane	9.40	83	734608	49.903	ug/l	100
48) Methyl methacrylate	9.20	41	417367	50.206	ug/l	100
49) 1,4-Dioxane	9.20	88	92387	1070.844	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	2291370	256.161	ug/l	100
52) Toluene	10.16	92	1396274	51.084	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	731139	51.628	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	871237	51.337	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	481231	50.053	ug/l	100
56) Ethyl methacrylate	10.43	69	619758	52.378	ug/l	100
57) 1,3-Dichloropropane	10.71	76	847624	49.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1783843	255.695	ug/l	100
59) 2-Hexanone	10.75	43	1568925	261.336	ug/l	100
60) Dibromochloromethane	10.90	129	532880	51.031	ug/l	100
61) 1,2-Dibromoethane	11.01	107	477860	50.042	ug/l	100
64) Tetrachloroethene	10.63	164	550529	48.541	ug/l	100
65) Chlorobenzene	11.43	112	1506540	49.947	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	526251	50.178	ug/l	100
67) Ethyl Benzene	11.51	91	2663326	50.422	ug/l	100
68) m/p-Xylenes	11.62	106	2010198	102.229	ug/l	100
69) o-Xylene	11.95	106	974821	51.051	ug/l	100
70) Styrene	11.96	104	1588896	52.242	ug/l	100
71) Bromoform	12.13	173	356705	51.367	ug/l #	100
73) Isopropylbenzene	12.25	105	2601389	49.049	ug/l	100
74) N-amyl acetate	12.07	43	678060	50.605	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	581045	48.161	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	491072m	48.975	ug/l	
77) Bromobenzene	12.53	156	639167	48.757	ug/l	100
78) n-propylbenzene	12.59	91	3019519	50.115	ug/l	100
79) 2-Chlorotoluene	12.68	91	1752933	48.855	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2108449	49.846	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	159051	50.953	ug/l	100
82) 4-Chlorotoluene	12.77	91	1798863	49.745	ug/l	100
83) tert-Butylbenzene	12.99	119	1832377	48.592	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2129920	50.245	ug/l	100
85) sec-Butylbenzene	13.17	105	2546432	49.578	ug/l	100
86) p-Isopropyltoluene	13.29	119	2185393	49.956	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1126095	49.108	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1114666	49.349	ug/l	100
89) n-Butylbenzene	13.62	91	1890112	51.952	ug/l	100
90) Hexachloroethane	13.88	117	363148	49.026	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1085489	49.547	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	86345	50.040	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
Data File : VN052470.D
Acq On : 27 Nov 2018 10:32
Operator : MD\SY
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
11/28/2018 9:33:32 AM

Quant Time: Nov 28 00:58:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 00:40:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	564904	54.531	ug/l	100
94) Hexachlorobutadiene	15.01	225	331116	46.981	ug/l	100
95) Naphthalene	15.14	128	1180874	55.217	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	513810	53.106	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
Data File : VN052470.D
Acq On : 27 Nov 2018 10:32
Operator : MD\SY
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
11/28/2018 9:33:32 AM

Quant Time: Nov 28 00:58:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 00:40:03 2018
Response via : Initial Calibration

