

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064452.D
 Acq On : 5 Nov 2020 10:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 8:51:21 AM

Quant Time: Nov 06 02:57:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	328166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	555931	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	527586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	252001	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	269130	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
35) Dibromofluoromethane	7.55	113	185515	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	10.06	98	716578	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.38	95	271979	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	200481	46.930	ug/l	98
3) Chloromethane	2.04	50	232060	44.723	ug/l	97
4) Vinyl Chloride	2.17	62	253672	47.608	ug/l	96
5) Bromomethane	2.53	94	159674	46.908	ug/l	99
6) Chloroethane	2.68	64	165105	48.397	ug/l	98
7) Trichlorofluoromethane	2.99	101	378799	48.279	ug/l	99
8) Diethyl Ether	3.37	74	132567	47.845	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	173966	46.691	ug/l	99
10) Methyl Iodide	3.91	142	206795	47.766	ug/l	99
11) Tert butyl alcohol	4.75	59	154542	245.160	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	163575	46.607	ug/l	98
13) Acrolein	3.56	56	89602	229.154	ug/l	96
14) Allyl chloride	4.27	41	324473	47.261	ug/l	99
15) Acrylonitrile	4.93	53	449932	256.367	ug/l	99
16) Acetone	3.78	43	509986	234.219	ug/l	99
17) Carbon Disulfide	4.00	76	492760	46.949	ug/l	99
18) Methyl Acetate	4.28	43	203878	47.627	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	605519	47.937	ug/l	97
20) Methylene Chloride	4.50	84	203743	47.162	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	190216	47.734	ug/l	99
22) Diisopropyl ether	5.90	45	715655	49.105	ug/l	99
23) Vinyl Acetate	5.85	43	3017677	254.531	ug/l	99
24) 1,1-Dichloroethane	5.79	63	385578	48.146	ug/l	99
25) 2-Butanone	6.79	43	706886	254.798	ug/l	100
26) 2,2-Dichloropropane	6.78	77	342458	47.238	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	222581	48.203	ug/l	98
28) Bromochloromethane	7.15	49	184592	46.893	ug/l	99
29) Tetrahydrofuran	7.17	42	427299	251.043	ug/l	99
30) Chloroform	7.33	83	408626	48.541	ug/l	99
31) Cyclohexane	7.61	56	314278	45.229	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	359455	48.143	ug/l	100
36) 1,1-Dichloropropene	7.75	75	297230	50.609	ug/l	99
37) Ethyl Acetate	6.88	43	293843	49.307	ug/l	100
38) Carbon Tetrachloride	7.73	117	315771	50.308	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
 Data File : VN064452.D
 Acq On : 5 Nov 2020 10:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 8:51:21 AM

Quant Time: Nov 06 02:57:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	265661	50.460	ug/l	99
40) Benzene	8.00	78	856750	49.644	ug/l	99
41) Methacrylonitrile	7.13	41	140061	53.791	ug/l	91
42) 1,2-Dichloroethane	8.08	62	355496	51.044	ug/l	99
43) Isopropyl Acetate	8.13	43	486599	51.125	ug/l	99
44) Trichloroethene	8.80	130	214544	49.273	ug/l	94
45) 1,2-Dichloropropane	9.08	63	236850	51.435	ug/l	97
46) Dibromomethane	9.17	93	157956	52.108	ug/l	97
47) Bromodichloromethane	9.37	83	329545	50.560	ug/l	99
48) Methyl methacrylate	9.17	41	251785	52.426	ug/l	99
49) 1,4-Dioxane	9.17	88	70785	1118.989	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1496948	269.698	ug/l	100
52) Toluene	10.12	92	547978	52.060	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	361165	52.266	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	377022	51.031	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	208668	50.832	ug/l	97
56) Ethyl methacrylate	10.40	69	319180	47.359	ug/l	100
57) 1,3-Dichloropropane	10.68	76	369470	51.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	828653	258.821	ug/l	98
59) 2-Hexanone	10.72	43	1115413	246.499	ug/l	99
60) Dibromochloromethane	10.87	129	244823	53.268	ug/l	98
61) 1,2-Dibromoethane	10.98	107	224314	53.872	ug/l	99
64) Tetrachloroethene	10.60	164	200770	49.402	ug/l	99
65) Chlorobenzene	11.41	112	571118	49.380	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	218333	50.601	ug/l	99
67) Ethyl Benzene	11.48	91	1066562	51.844	ug/l	100
68) m/p-Xylenes	11.59	106	783581	105.025	ug/l	99
69) o-Xylene	11.92	106	370175	51.345	ug/l	99
70) Styrene	11.94	104	652479	53.783	ug/l	99
71) Bromoform	12.10	173	156696	48.407	ug/l #	100
73) Isopropylbenzene	12.22	105	985193	49.186	ug/l	99
74) N-amyl acetate	12.04	43	444435	45.853	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	291727	47.418	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	283583m	46.445	ug/l	
77) Bromobenzene	12.50	156	230445	47.124	ug/l	98
78) n-propylbenzene	12.57	91	1133470	49.636	ug/l	99
79) 2-Chlorotoluene	12.65	91	704741	48.659	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	822907	49.801	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	102831	47.024	ug/l	95
82) 4-Chlorotoluene	12.75	91	759247	50.057	ug/l	100
83) tert-Butylbenzene	12.97	119	638780	49.497	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	840722	50.612	ug/l	100
85) sec-Butylbenzene	13.14	105	829452	50.748	ug/l	100
86) p-Isopropyltoluene	13.26	119	763740	51.950	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	409236	48.411	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	413893	47.379	ug/l	99
89) n-Butylbenzene	13.59	91	656728	51.955	ug/l	99
90) Hexachloroethane	13.85	117	140506	49.544	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	406385	49.978	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	62513	51.036	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110520\
Data File : VN064452.D
Acq On : 5 Nov 2020 10:47
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
11/6/2020 8:51:21 AM

Quant Time: Nov 06 02:57:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	183026	45.514	ug/l	99
94) Hexachlorobutadiene	14.98	225	81100	48.987	ug/l	99
95) Naphthalene	15.10	128	602822	44.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	180722	46.407	ug/l	99

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

