

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049786.D
 Acq On : 12 Jul 2018 22:45
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 1:35:39 PM

Quant Time: Jul 13 05:11:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1239226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1823704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1670300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	884226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	680048	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	7.59	113	648090	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
50) Toluene-d8	10.09	98	2175242	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.40	95	805738	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	511626	47.60	ug/l	96
3) Chloromethane	2.06	50	667103	46.86	ug/l	99
4) Vinyl Chloride	2.18	62	760396	48.35	ug/l	100
5) Bromomethane	2.56	94	468286	48.02	ug/l	96
6) Chloroethane	2.70	64	503847	45.71	ug/l	98
7) Trichlorofluoromethane	3.01	101	1064152	45.29	ug/l	98
8) Diethyl Ether	3.41	74	382805	45.46	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	673078	44.13	ug/l	99
10) Methyl Iodide	3.95	142	970092	50.04	ug/l	100
11) Tert butyl alcohol	4.80	59	224603	232.79	ug/l	99
12) 1,1-Dichloroethene	3.74	96	606430	45.25	ug/l	99
13) Acrolein	3.61	56	179988	212.39	ug/l	98
14) Allyl chloride	4.33	41	996455	45.56	ug/l	98
15) Acrylonitrile	5.00	53	1130538	233.98	ug/l	99
16) Acetone	3.82	43	776734	218.67	ug/l	99
17) Carbon Disulfide	4.05	76	1600082	46.58	ug/l	99
18) Methyl Acetate	4.33	43	575129	47.73	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1788747	48.12	ug/l	100
20) Methylene Chloride	4.55	84	719150	48.60	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	667165	45.55	ug/l	99
22) Diisopropyl ether	5.96	45	2213876	49.28	ug/l	96
23) Vinyl Acetate	5.90	43	7328241	243.42	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1302666	46.16	ug/l	99
25) 2-Butanone	6.84	43	1265027	225.19	ug/l	98
26) 2,2-Dichloropropane	6.83	77	959079	40.95	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	790247	47.17	ug/l	97
28) Bromochloromethane	7.20	49	614102	47.84	ug/l	99
29) Tetrahydrofuran	7.22	42	829707	235.20	ug/l	99
30) Chloroform	7.37	83	1343592	46.21	ug/l	99
31) Cyclohexane	7.66	56	1057202	47.05	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	1142088	46.25	ug/l	99
36) 1,1-Dichloropropene	7.80	75	965978	45.96	ug/l	100
37) Ethyl Acetate	6.93	43	581290	46.73	ug/l	100
38) Carbon Tetrachloride	7.78	117	1001349	45.58	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049786.D
 Acq On : 12 Jul 2018 22:45
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 1:35:39 PM

Quant Time: Jul 13 05:11:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1012227	45.69	ug/l	98
40) Benzene	8.04	78	2944767	46.84	ug/l	99
41) Methacrylonitrile	7.17	41	315337	44.81	ug/l	95
42) 1,2-Dichloroethane	8.13	62	948008	46.10	ug/l	100
43) Isopropyl Acetate	8.17	43	1051335	47.02	ug/l	96
44) Trichloroethene	8.84	130	770524	45.52	ug/l	99
45) 1,2-Dichloropropane	9.12	63	797173	47.18	ug/l	100
46) Dibromomethane	9.21	93	463857	46.23	ug/l	99
47) Bromodichloromethane	9.40	83	1036254	46.89	ug/l	99
48) Methyl methacrylate	9.20	41	540530	48.35	ug/l	98
49) 1,4-Dioxane	9.20	88	137034	935.50	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	2954904	243.40	ug/l	100
52) Toluene	10.16	92	1828377	48.59	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1000818	47.09	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1163031	48.04	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	678854	47.65	ug/l	99
56) Ethyl methacrylate	10.43	69	861762	50.74	ug/l	98
57) 1,3-Dichloropropane	10.71	76	1131355	47.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2069353	254.05	ug/l	100
59) 2-Hexanone	10.75	43	1932824	239.49	ug/l	100
60) Dibromochloromethane	10.90	129	792806	48.10	ug/l	99
61) 1,2-Dibromoethane	11.01	107	647878	47.32	ug/l	99
64) Tetrachloroethene	10.63	164	696129	45.90	ug/l	98
65) Chlorobenzene	11.44	112	2029122	46.63	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	782438	47.79	ug/l	99
67) Ethyl Benzene	11.51	91	3474855	48.77	ug/l	99
68) m/p-Xylenes	11.62	106	2665045	99.65	ug/l	99
69) o-Xylene	11.95	106	1298179	50.25	ug/l	98
70) Styrene	11.97	104	2141028	52.17	ug/l	100
71) Bromoform	12.13	173	531291	48.03	ug/l #	100
73) Isopropylbenzene	12.25	105	3472929	47.26	ug/l	100
74) N-amyl acetate	12.07	43	935589	48.94	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	829139	48.92	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	692552m	44.09	ug/l	
77) Bromobenzene	12.53	156	888956	45.60	ug/l	99
78) n-propylbenzene	12.59	91	3992442	48.19	ug/l	100
79) 2-Chlorotoluene	12.68	91	2376135	46.86	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2841913	48.66	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	229038	47.09	ug/l	98
82) 4-Chlorotoluene	12.77	91	2397953	47.68	ug/l	100
83) tert-Butylbenzene	12.99	119	2478146	47.43	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2905803	49.62	ug/l	100
85) sec-Butylbenzene	13.17	105	3312689	48.38	ug/l	100
86) p-Isopropyltoluene	13.29	119	2894226	49.95	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1567388	46.37	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1531430	46.61	ug/l	99
89) n-Butylbenzene	13.62	91	2354626	49.22	ug/l	100
90) Hexachloroethane	13.88	117	537609	47.91	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1545510	46.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	121387	46.70	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
Data File : VN049786.D
Acq On : 12 Jul 2018 22:45
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/13/2018 1:35:39 PM

Quant Time: Jul 13 05:11:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	809096	44.96	ug/l	100
94) Hexachlorobutadiene	15.01	225	479504	47.44	ug/l	100
95) Naphthalene	15.14	128	1683511	43.62	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	797039	49.82	ug/l	100

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

