

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006806.D
 Acq On : 24 Dec 2018 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:57 AM

Quant Time: Dec 25 04:24:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	604086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	892094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	817567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	420080	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	321946	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	5.50	113	293165	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	8.71	98	1093408	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.13	95	396413	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	243189	44.006	ug/l	99
3) Chloromethane	1.33	50	264096	44.358	ug/l	99
4) Vinyl Chloride	1.41	62	292164	46.985	ug/l	100
5) Bromomethane	1.64	94	272063	46.761	ug/l	98
6) Chloroethane	1.71	64	191580	44.496	ug/l	98
7) Trichlorofluoromethane	1.93	101	469771	48.457	ug/l	98
8) Diethyl Ether	2.19	74	187293	48.640	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	277075	48.676	ug/l	99
10) Methyl Iodide	2.51	142	432026	53.021	ug/l	100
11) Tert butyl alcohol	3.07	59	348816	240.069	ug/l	99
12) 1,1-Dichloroethene	2.37	96	256146	47.458	ug/l	99
13) Acrolein	2.30	56	249055	254.088	ug/l	97
14) Allyl chloride	2.73	41	453774	49.948	ug/l	99
15) Acrylonitrile	3.15	53	832698	258.115	ug/l	99
16) Acetone	2.45	43	684243	228.755	ug/l	99
17) Carbon Disulfide	2.57	76	574723	40.237	ug/l	99
18) Methyl Acetate	2.78	43	500679	56.925	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	942490	52.612	ug/l	98
20) Methylene Chloride	2.85	84	296485	47.935	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	277130	46.341	ug/l	99
22) Diisopropyl ether	3.87	45	875900	52.700	ug/l	97
23) Vinyl Acetate	3.82	43	3524034	259.215	ug/l	99
24) 1,1-Dichloroethane	3.70	63	480775	48.457	ug/l	99
25) 2-Butanone	4.70	43	1034267	245.818	ug/l	99
26) 2,2-Dichloropropane	4.58	77	333908	43.568	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	318575	48.283	ug/l	98
28) Bromochloromethane	5.02	49	225094	53.966	ug/l	99
29) Tetrahydrofuran	5.15	42	704133	254.093	ug/l	97
30) Chloroform	5.21	83	503496	49.005	ug/l	99
31) Cyclohexane	5.57	56	419347	46.524	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	431272	49.711	ug/l	99
36) 1,1-Dichloropropene	5.80	75	364136	49.284	ug/l	100
37) Ethyl Acetate	4.85	43	404690	52.624	ug/l	99
38) Carbon Tetrachloride	5.78	117	360425	50.195	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122418\
 Data File : VX006806.D
 Acq On : 24 Dec 2018 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:57 AM

Quant Time: Dec 25 04:24:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	460844	47.376	ug/l	96
40) Benzene	6.14	78	1130219	50.324	ug/l	97
41) Methacrylonitrile	5.06	41	229878	56.303	ug/l	98
42) 1,2-Dichloroethane	6.20	62	381750	49.882	ug/l	99
43) Isopropyl Acetate	6.46	43	665137	56.845	ug/l	98
44) Trichloroethene	7.21	130	330607	48.636	ug/l	95
45) 1,2-Dichloropropane	7.51	63	288837	52.849	ug/l	98
46) Dibromomethane	7.66	93	200921	49.980	ug/l	97
47) Bromodichloromethane	7.90	83	351745	52.702	ug/l	96
48) Methyl methacrylate	7.77	41	337162	56.663	ug/l	97
49) 1,4-Dioxane	7.75	88	142886	916.117	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	2053197	275.783	ug/l	99
52) Toluene	8.78	92	744649	51.322	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	391871	54.746	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	429222	54.649	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	306865	51.670	ug/l	95
56) Ethyl methacrylate	9.18	69	460946	54.914	ug/l	96
57) 1,3-Dichloropropane	9.37	76	493509	51.649	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1195806	268.001	ug/l	99
59) 2-Hexanone	9.49	43	1521808	267.158	ug/l	100
60) Dibromochloromethane	9.59	129	304380	49.049	ug/l	98
61) 1,2-Dibromoethane	9.67	107	336269	53.264	ug/l	98
64) Tetrachloroethene	9.34	164	311705	48.148	ug/l	95
65) Chlorobenzene	10.14	112	857195	49.559	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	300477	55.681	ug/l	99
67) Ethyl Benzene	10.25	91	1434880	50.768	ug/l	99
68) m/p-Xylenes	10.36	106	1120227	100.445	ug/l	99
69) o-Xylene	10.70	106	555594	50.449	ug/l	98
70) Styrene	10.71	104	895040	51.370	ug/l	99
71) Bromoform	10.86	173	218421	45.330	ug/l	99
73) Isopropylbenzene	11.02	105	1473009	51.256	ug/l	99
74) N-amyl acetate	10.90	43	592178	57.567	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	455182	53.257	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	419199m	53.696	ug/l	
77) Bromobenzene	11.26	156	395954	50.962	ug/l	99
78) n-propylbenzene	11.36	91	1641916	51.882	ug/l	99
79) 2-Chlorotoluene	11.42	91	957832	49.944	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1214866	51.323	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	115222	45.346	ug/l	97
82) 4-Chlorotoluene	11.51	91	1106179	50.283	ug/l	100
83) tert-Butylbenzene	11.77	119	1229384	51.893	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1249362	50.180	ug/l	99
85) sec-Butylbenzene	11.94	105	1485099	51.129	ug/l	100
86) p-Isopropyltoluene	12.06	119	1329507	52.070	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	698535	49.886	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	702985	48.972	ug/l	99
89) n-Butylbenzene	12.38	91	1135525	52.257	ug/l	99
90) Hexachloroethane	12.60	117	195251	48.936	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	700642	50.019	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92537	52.326	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
Data File : VX006806.D
Acq On : 24 Dec 2018 20:11
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
12/26/2018 9:57:57 AM

Quant Time: Dec 25 04:24:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	507695	52.544	ug/l	100
94) Hexachlorobutadiene	13.78	225	237402	52.127	ug/l	99
95) Naphthalene	13.83	128	1577412	51.150	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	511265	51.248	ug/l	98

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

