

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102918\
 Data File : VX005674.D
 Acq On : 29 Oct 2018 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/30/2018 10:51:07 AM

Quant Time: Oct 30 04:25:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	260251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	144246	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
35) Dibromofluoromethane	5.50	113	119876	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
50) Toluene-d8	8.71	98	433576	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
62) 4-Bromofluorobenzene	11.14	95	183428	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144402	56.214	ug/l	99
3) Chloromethane	1.32	50	154246	47.150	ug/l	92
4) Vinyl Chloride	1.41	62	154764	48.113	ug/l	98
5) Bromomethane	1.64	94	76095	38.018	ug/l	98
6) Chloroethane	1.71	64	100640	48.976	ug/l	91
7) Trichlorofluoromethane	1.92	101	206214	46.137	ug/l	98
8) Diethyl Ether	2.19	74	84285	47.252	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120946	47.162	ug/l	99
10) Methyl Iodide	2.51	142	121697	45.687	ug/l	97
11) Tert butyl alcohol	3.07	59	208647	244.065	ug/l	98
12) 1,1-Dichloroethene	2.37	96	115196	47.154	ug/l	97
13) Acrolein	2.30	56	95569	219.153	ug/l	97
14) Allyl chloride	2.73	41	252382	46.290	ug/l	96
15) Acrylonitrile	3.15	53	439371	229.200	ug/l	98
16) Acetone	2.45	43	388074	231.176	ug/l	100
17) Carbon Disulfide	2.57	76	338188	45.413	ug/l	100
18) Methyl Acetate	2.78	43	210337	50.742	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	417689	47.931	ug/l	95
20) Methylene Chloride	2.85	84	128353	45.652	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	124091	46.522	ug/l	97
22) Diisopropyl ether	3.87	45	433987	45.581	ug/l	# 93
23) Vinyl Acetate	3.83	43	1943044	231.718	ug/l	98
24) 1,1-Dichloroethane	3.70	63	245844	47.492	ug/l	99
25) 2-Butanone	4.70	43	607680	237.717	ug/l	97
26) 2,2-Dichloropropane	4.57	77	159993	40.034	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	140553	48.878	ug/l	95
28) Bromochloromethane	5.01	49	118763	47.436	ug/l	95
29) Tetrahydrofuran	5.15	42	410472	246.738	ug/l	99
30) Chloroform	5.22	83	221982	45.844	ug/l	92
31) Cyclohexane	5.57	56	211055	49.278	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	196041	45.872	ug/l	98
36) 1,1-Dichloropropene	5.80	75	164395	44.734	ug/l	97
37) Ethyl Acetate	4.87	43	226037	48.200	ug/l	98
38) Carbon Tetrachloride	5.79	117	169116	43.692	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102918\
 Data File : VX005674.D
 Acq On : 29 Oct 2018 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/30/2018 10:51:07 AM

Quant Time: Oct 30 04:25:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	188552	46.464	ug/l	98
40) Benzene	6.14	78	536501	50.927	ug/l	100
41) Methacrylonitrile	5.06	41	124785	47.769	ug/l	98
42) 1,2-Dichloroethane	6.20	62	173444	43.339	ug/l	99
43) Isopropyl Acetate	6.46	43	351640	50.039	ug/l	99
44) Trichloroethene	7.21	130	133448	46.499	ug/l	96
45) 1,2-Dichloropropane	7.51	63	129867	45.852	ug/l	98
46) Dibromomethane	7.66	93	81782	44.708	ug/l	98
47) Bromodichloromethane	7.90	83	158826	44.735	ug/l	98
48) Methyl methacrylate	7.77	41	161556	47.191	ug/l	97
49) 1,4-Dioxane	7.75	88	72705	971.804	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1092055	231.228	ug/l	98
52) Toluene	8.79	92	297861	46.523	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	177136	46.164	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	191973	46.469	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	122594	45.417	ug/l	97
56) Ethyl methacrylate	9.18	69	199643	49.585	ug/l	97
57) 1,3-Dichloropropane	9.37	76	207216	45.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	534874	237.858	ug/l	100
59) 2-Hexanone	9.50	43	865547	232.441	ug/l	98
60) Dibromochloromethane	9.58	129	131430	46.667	ug/l	97
61) 1,2-Dibromoethane	9.67	107	128505	46.017	ug/l	99
64) Tetrachloroethene	9.34	164	131680	46.664	ug/l	97
65) Chlorobenzene	10.14	112	335428	46.339	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	122413	46.379	ug/l	99
67) Ethyl Benzene	10.25	91	580133	48.712	ug/l	100
68) m/p-Xylenes	10.36	106	446892	96.718	ug/l	100
69) o-Xylene	10.70	106	216554	49.816	ug/l	99
70) Styrene	10.71	104	363870	50.002	ug/l	99
71) Bromoform	10.86	173	108917	46.244	ug/l	100
73) Isopropylbenzene	11.02	105	591443	41.321	ug/l	99
74) N-amyl acetate	10.90	43	289122	40.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	203062	38.454	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	188398m	37.975	ug/l	
77) Bromobenzene	11.26	156	158315	39.688	ug/l	97
78) n-propylbenzene	11.36	91	672698	41.101	ug/l	100
79) 2-Chlorotoluene	11.42	91	404127	39.824	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	501284	40.940	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57954	38.170	ug/l	94
82) 4-Chlorotoluene	11.51	91	470278	39.301	ug/l	100
83) tert-Butylbenzene	11.77	119	523262	42.872	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	533248	42.971	ug/l	99
85) sec-Butylbenzene	11.94	105	688654	47.285	ug/l	100
86) p-Isopropyltoluene	12.07	119	663216	50.941	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	361317	48.168	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	362414	46.286	ug/l	97
89) n-Butylbenzene	12.39	91	583059	49.607	ug/l	98
90) Hexachloroethane	12.60	117	103315	46.010	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	347822	45.831	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55225	43.252	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
Data File : VX005674.D
Acq On : 29 Oct 2018 21:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/30/2018 10:51:07 AM

Quant Time: Oct 30 04:25:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	266103	48.370	ug/l	99
94) Hexachlorobutadiene	13.79	225	131191	46.017	ug/l	98
95) Naphthalene	13.83	128	887194	55.479	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	288665	51.762	ug/l	100

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

