

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002321.D
 Acq On : 05 Jun 2018 22:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/6/2018 4:10:44 PM

Quant Time: Jun 06 06:42:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229010	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168137	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.51	113	128158	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
50) Toluene-d8	8.72	98	509592	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.14	95	195418	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129896	51.063	ug/l	99
3) Chloromethane	1.32	50	154493	53.188	ug/l	100
4) Vinyl Chloride	1.41	62	166874	52.051	ug/l	100
5) Bromomethane	1.64	94	102215	56.792	ug/l	98
6) Chloroethane	1.72	64	107214	51.698	ug/l	99
7) Trichlorofluoromethane	1.93	101	272675	55.822	ug/l	98
8) Diethyl Ether	2.19	74	97200	56.297	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	149732	56.802	ug/l	99
10) Methyl Iodide	2.51	142	198292	53.481	ug/l	99
11) Tert butyl alcohol	3.08	59	198927	279.730	ug/l	99
12) 1,1-Dichloroethene	2.37	96	137379	52.735	ug/l	99
13) Acrolein	2.30	56	90980	262.330	ug/l	100
14) Allyl chloride	2.73	41	270871	47.913	ug/l	99
15) Acrylonitrile	3.15	53	419165	282.717	ug/l	99
16) Acetone	2.45	43	393871	262.685	ug/l	99
17) Carbon Disulfide	2.57	76	315639	45.971	ug/l	98
18) Methyl Acetate	2.78	43	197716	56.764	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	505480	56.008	ug/l	98
20) Methylene Chloride	2.86	84	155339	56.502	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	145731	50.728	ug/l	97
22) Diisopropyl ether	3.88	45	484134	51.298	ug/l	99
23) Vinyl Acetate	3.83	43	2059097	224.674	ug/l	99
24) 1,1-Dichloroethane	3.70	63	284145	50.853	ug/l	99
25) 2-Butanone	4.71	43	542386	226.056	ug/l	100
26) 2,2-Dichloropropane	4.59	77	164623	37.691	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	145060	46.431	ug/l	94
28) Bromochloromethane	5.03	49	122368	51.607	ug/l	99
29) Tetrahydrofuran	5.17	42	354821	229.368	ug/l	99
30) Chloroform	5.22	83	259048	48.045	ug/l	97
31) Cyclohexane	5.58	56	225836	51.113	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	227894	49.838	ug/l	99
36) 1,1-Dichloropropene	5.81	75	188830	49.912	ug/l	100
37) Ethyl Acetate	4.87	43	217215	47.742	ug/l	99
38) Carbon Tetrachloride	5.79	117	199194	50.329	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060518\
 Data File : VX002321.D
 Acq On : 05 Jun 2018 22:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/6/2018 4:10:44 PM

Quant Time: Jun 06 06:42:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227670	48.716	ug/l	98
40) Benzene	6.15	78	566377	48.825	ug/l	99
41) Methacrylonitrile	5.07	41	121734	46.739	ug/l	99
42) 1,2-Dichloroethane	6.20	62	222867	48.357	ug/l	100
43) Isopropyl Acetate	6.47	43	358346	46.371	ug/l	100
44) Trichloroethene	7.22	130	163898	50.908	ug/l	96
45) 1,2-Dichloropropane	7.52	63	151289	48.310	ug/l	97
46) Dibromomethane	7.67	93	101806	47.955	ug/l	99
47) Bromodichloromethane	7.90	83	184354	48.015	ug/l	97
48) Methyl methacrylate	7.78	41	186082	47.937	ug/l	99
49) 1,4-Dioxane	7.76	88	72987	1005.606	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1179294	245.048	ug/l	100
52) Toluene	8.79	92	372359	50.470	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	218398	47.432	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	202984	46.727	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	151098	49.794	ug/l	99
56) Ethyl methacrylate	9.18	69	232715	48.036	ug/l	100
57) 1,3-Dichloropropane	9.38	76	250084	49.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	557342	248.563	ug/l	100
59) 2-Hexanone	9.50	43	906855	243.962	ug/l	99
60) Dibromochloromethane	9.59	129	152704	50.031	ug/l	100
61) 1,2-Dibromoethane	9.68	107	158217	50.006	ug/l	100
64) Tetrachloroethene	9.34	164	187444	51.776	ug/l	99
65) Chlorobenzene	10.14	112	430384	49.273	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	155102	49.040	ug/l	99
67) Ethyl Benzene	10.26	91	744037	50.900	ug/l	99
68) m/p-Xylenes	10.37	106	580031	102.077	ug/l	99
69) o-Xylene	10.70	106	285737	50.530	ug/l	99
70) Styrene	10.72	104	479176	51.835	ug/l	100
71) Bromoform	10.86	173	116843	41.856	ug/l	99
73) Isopropylbenzene	11.02	105	776253	48.726	ug/l	100
74) N-amyl acetate	6.47	43	358346	41.745	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	221102	44.127	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	219845m	43.750	ug/l	
77) Bromobenzene	11.26	156	210622	47.093	ug/l	97
78) n-propylbenzene	11.37	91	885526	50.010	ug/l	100
79) 2-Chlorotoluene	11.43	91	520636	46.565	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	666705	48.792	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	55465	38.691	ug/l	93
82) 4-Chlorotoluene	11.51	91	620812	48.105	ug/l	99
83) tert-Butylbenzene	11.77	119	640725	48.152	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	688201	48.927	ug/l	100
85) sec-Butylbenzene	11.95	105	797589	51.130	ug/l	100
86) p-Isopropyltoluene	12.07	119	722436	50.844	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	383586	47.967	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	389570	47.262	ug/l	99
89) n-Butylbenzene	12.39	91	619753	52.007	ug/l	100
90) Hexachloroethane	12.60	117	104748	46.182	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	389815	47.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50792	46.355	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002321.D
Acq On : 05 Jun 2018 22:37
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:44 PM

Quant Time: Jun 06 06:42:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	280701	48.383	ug/l	100
94) Hexachlorobutadiene	13.79	225	148777	51.895	ug/l	99
95) Naphthalene	13.84	128	810448	48.620	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	290887	49.163	ug/l	99

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

