

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011671.D
 Acq On : 20 Aug 2019 09:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:33:04 AM

Quant Time: Aug 20 13:19:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	348904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	477410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	443483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	246897	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	147107	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
35) Dibromofluoromethane	5.49	113	139666	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	
50) Toluene-d8	8.71	98	436060	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
62) 4-Bromofluorobenzene	11.13	95	192587	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	184811	53.888	ug/l 97
3) Chloromethane	1.32	50	145587	40.872	ug/l 99
4) Vinyl Chloride	1.40	62	145702	45.281	ug/l 100
5) Bromomethane	1.63	94	73641	51.077	ug/l 98
6) Chloroethane	1.71	64	78123	51.299	ug/l 97
7) Trichlorofluoromethane	1.92	101	230589	51.738	ug/l 99
8) Diethyl Ether	2.18	74	76053	49.746	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	155510	50.517	ug/l 100
10) Methyl Iodide	2.50	142	201826	46.023	ug/l 99
11) Tert butyl alcohol	3.04	59	180023	226.789	ug/l 100
12) 1,1-Dichloroethene	2.36	96	142193	47.797	ug/l 100
13) Acrolein	2.28	56	55785	229.449	ug/l 99
14) Allyl chloride	2.71	41	239880	48.472	ug/l 98
15) Acrylonitrile	3.13	53	429074	236.176	ug/l 100
16) Acetone	2.43	43	443392	272.533	ug/l 99
17) Carbon Disulfide	2.56	76	330209	47.105	ug/l 99
18) Methyl Acetate	2.76	43	243867	48.332	ug/l 97
19) Methyl tert-butyl Ether	3.18	73	486977	50.261	ug/l 100
20) Methylene Chloride	2.85	84	157208	46.022	ug/l 97
21) trans-1,2-Dichloroethene	3.15	96	154033	48.859	ug/l 99
22) Diisopropyl ether	3.84	45	483253	49.034	ug/l 96
23) Vinyl Acetate	3.81	43	1941450	248.766	ug/l 99
24) 1,1-Dichloroethane	3.68	63	269272	48.324	ug/l 100
25) 2-Butanone	4.66	43	609413	238.598	ug/l 98
26) 2,2-Dichloropropane	4.57	77	232694	55.484	ug/l 98
27) cis-1,2-Dichloroethene	4.59	96	178133	48.470	ug/l 99
28) Bromochloromethane	5.00	49	105188	43.002	ug/l 100
29) Tetrahydrofuran	5.12	42	361119	215.536	ug/l 98
30) Chloroform	5.20	83	278494	47.358	ug/l 98
31) Cyclohexane	5.57	56	228114	47.548	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	256586	50.744	ug/l 99
36) 1,1-Dichloropropene	5.79	75	198573	48.648	ug/l 99
37) Ethyl Acetate	4.82	43	202930	43.224	ug/l 100
38) Carbon Tetrachloride	5.77	117	228039	50.709	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082019\
 Data File : VX011671.D
 Acq On : 20 Aug 2019 09:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:33:04 AM

Quant Time: Aug 20 13:19:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	256571	50.900	ug/l	99
40) Benzene	6.13	78	578377	45.597	ug/l	99
41) Methacrylonitrile	5.03	41	119117	46.100	ug/l	98
42) 1,2-Dichloroethane	6.18	62	223118	50.769	ug/l	98
43) Isopropyl Acetate	6.43	43	326814	44.605	ug/l	99
44) Trichloroethene	7.21	130	183062	48.649	ug/l	99
45) 1,2-Dichloropropane	7.51	63	156936	49.610	ug/l	98
46) Dibromomethane	7.65	93	104367	45.400	ug/l	93
47) Bromodichloromethane	7.89	83	201004	47.621	ug/l	100
48) Methyl methacrylate	7.76	41	164210	45.257	ug/l	96
49) 1,4-Dioxane	7.73	88	81664	846.207	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1104539	230.317	ug/l	99
52) Toluene	8.78	92	389577	48.208	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	231776	52.909	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	242092	50.499	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	168571	49.053	ug/l	99
56) Ethyl methacrylate	9.17	69	251471	50.347	ug/l	98
57) 1,3-Dichloropropane	9.37	76	261910	47.946	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	576182	231.518	ug/l	99
59) 2-Hexanone	9.49	43	912550	246.752	ug/l	100
60) Dibromochloromethane	9.58	129	189890	53.035	ug/l	99
61) 1,2-Dibromoethane	9.66	107	181055	49.366	ug/l	99
64) Tetrachloroethene	9.33	164	181400	49.853	ug/l	98
65) Chlorobenzene	10.13	112	447441	47.303	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	177504	50.206	ug/l	98
67) Ethyl Benzene	10.25	91	769504	48.745	ug/l	100
68) m/p-Xylenes	10.35	106	603624	99.614	ug/l	97
69) o-Xylene	10.69	106	292313	49.247	ug/l	98
70) Styrene	10.71	104	503007	50.340	ug/l	99
71) Bromoform	10.85	173	150801	44.295	ug/l #	100
73) Isopropylbenzene	11.02	105	797128	49.756	ug/l	100
74) N-amyl acetate	10.90	43	315107	46.283	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	254191	46.123	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	225107m	48.082	ug/l	
77) Bromobenzene	11.25	156	225367	47.282	ug/l	97
78) n-propylbenzene	11.36	91	884890	51.223	ug/l	100
79) 2-Chlorotoluene	11.42	91	524651	49.459	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	687494	51.084	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	78851	46.017	ug/l	95
82) 4-Chlorotoluene	11.51	91	620951	50.456	ug/l	99
83) tert-Butylbenzene	11.77	119	683026	49.831	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	690634	51.117	ug/l	99
85) sec-Butylbenzene	11.94	105	787314	50.911	ug/l	100
86) p-Isopropyltoluene	12.06	119	765446	52.613	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	404016	49.313	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	403876	48.638	ug/l	99
89) n-Butylbenzene	12.38	91	641339	53.620	ug/l	99
90) Hexachloroethane	12.59	117	116975	50.916	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	395837	48.130	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58890	46.706	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
Data File : VX011671.D
Acq On : 20 Aug 2019 09:35
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
8/21/2019 8:33:04 AM

Quant Time: Aug 20 13:19:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	290247	47.365	ug/l	99
94) Hexachlorobutadiene	13.78	225	162542	48.713	ug/l	98
95) Naphthalene	13.83	128	851348	49.143	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	310102	50.172	ug/l	99

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

