

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011814.D
 Acq On : 24 Aug 2019 13:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 26 04:16:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	413193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	586789	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	530889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	292721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	192404	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	5.49	113	173206	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
50) Toluene-d8	8.71	98	596272	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
62) 4-Bromofluorobenzene	11.13	95	225244	43.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	168022	43.571	ug/l	100
3) Chloromethane	1.32	50	162497	48.050	ug/l	97
4) Vinyl Chloride	1.40	62	160669	47.525	ug/l	99
5) Bromomethane	1.63	94	82531	44.314	ug/l	98
6) Chloroethane	1.71	64	95739	48.436	ug/l	99
7) Trichlorofluoromethane	1.92	101	221191	41.096	ug/l	99
8) Diethyl Ether	2.18	74	92232	50.395	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	125718	37.746	ug/l	96
10) Methyl Iodide	2.50	142	197276	48.493	ug/l	98
11) Tert butyl alcohol	3.03	59	186962	227.944	ug/l	100
12) 1,1-Dichloroethene	2.37	96	144825	44.594	ug/l	99
13) Acrolein	2.28	56	84131	265.349	ug/l	96
14) Allyl chloride	2.72	41	224242	44.177	ug/l	99
15) Acrylonitrile	3.13	53	446272	237.879	ug/l	99
16) Acetone	2.43	43	378153	209.432	ug/l	96
17) Carbon Disulfide	2.56	76	336940	41.034	ug/l	98
18) Methyl Acetate	2.76	43	248756	50.772	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	508924	48.852	ug/l	100
20) Methylene Chloride	2.85	84	167890	45.480	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	156138	44.573	ug/l	97
22) Diisopropyl ether	3.84	45	492027	49.987	ug/l	94
23) Vinyl Acetate	3.81	43	1922315	235.877	ug/l	99
24) 1,1-Dichloroethane	3.68	63	272919	46.961	ug/l	100
25) 2-Butanone	4.66	43	608760	234.888	ug/l	100
26) 2,2-Dichloropropane	4.57	77	110828	22.456	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	183626	45.711	ug/l	93
28) Bromochloromethane	5.01	49	127867	48.469	ug/l	95
29) Tetrahydrofuran	5.12	42	403345	242.782	ug/l	100
30) Chloroform	5.20	83	290996	46.152	ug/l	100
31) Cyclohexane	5.57	56	196369	38.474	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	249429	45.509	ug/l	99
36) 1,1-Dichloropropene	5.79	75	190835	41.473	ug/l	97
37) Ethyl Acetate	4.82	43	229416	47.113	ug/l	99
38) Carbon Tetrachloride	5.77	117	211652	40.587	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011814.D
 Acq On : 24 Aug 2019 13:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 26 04:16:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195311	34.252	ug/l	99
40) Benzene	6.13	78	630204	44.273	ug/l	98
41) Methacrylonitrile	5.03	41	127644	45.072	ug/l	98
42) 1,2-Dichloroethane	6.18	62	229697	44.143	ug/l	98
43) Isopropyl Acetate	6.43	43	362703	46.020	ug/l	99
44) Trichloroethene	7.21	130	187043	42.627	ug/l	97
45) 1,2-Dichloropropane	7.51	63	160842	44.955	ug/l	100
46) Dibromomethane	7.65	93	116380	44.120	ug/l	98
47) Bromodichloromethane	7.89	83	214596	45.193	ug/l	98
48) Methyl methacrylate	7.76	41	184860	47.130	ug/l	98
49) 1,4-Dioxane	7.73	88	95462	878.415	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1187519	228.666	ug/l	99
52) Toluene	8.78	92	397169	43.117	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	213171	42.764	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	232492	42.753	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	175727	45.790	ug/l	97
56) Ethyl methacrylate	9.17	69	263599	48.297	ug/l	99
57) 1,3-Dichloropropane	9.37	76	279929	45.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	685904	238.904	ug/l	100
59) 2-Hexanone	9.49	43	907622	227.704	ug/l	100
60) Dibromochloromethane	9.58	129	197292	47.548	ug/l	99
61) 1,2-Dibromoethane	9.67	107	192783	46.816	ug/l	99
64) Tetrachloroethene	9.33	164	188207	44.437	ug/l	98
65) Chlorobenzene	10.13	112	457036	44.095	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	180258	46.418	ug/l	100
67) Ethyl Benzene	10.25	91	740224	42.736	ug/l	97
68) m/p-Xylenes	10.35	106	592590	88.730	ug/l	97
69) o-Xylene	10.69	106	292344	44.584	ug/l	97
70) Styrene	10.71	104	510473	46.537	ug/l	98
71) Bromoform	10.85	173	160673	47.961	ug/l #	97
73) Isopropylbenzene	11.01	105	739952	41.947	ug/l	100
74) N-amyl acetate	10.90	43	319042	46.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	257957	44.179	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	225467m	43.896	ug/l	
77) Bromobenzene	11.25	156	236530	45.482	ug/l	97
78) n-propylbenzene	11.35	91	802546	42.547	ug/l	100
79) 2-Chlorotoluene	11.41	91	500019	42.609	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	647561	43.997	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	63071	37.032	ug/l	99
82) 4-Chlorotoluene	11.51	91	586809	43.381	ug/l	99
83) tert-Butylbenzene	11.77	119	634436	43.690	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	661139	44.482	ug/l	99
85) sec-Butylbenzene	11.94	105	702007	42.262	ug/l	98
86) p-Isopropyltoluene	12.06	119	689564	43.145	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	401581	44.842	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	402386	44.410	ug/l	100
89) n-Butylbenzene	12.38	91	535353	40.464	ug/l	100
90) Hexachloroethane	12.59	117	108540	43.714	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	408159	45.187	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	60581	44.635	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
Data File : VX011814.D
Acq On : 24 Aug 2019 13:08
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Aug 26 04:16:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	311095	46.822	ug/l	99
94) Hexachlorobutadiene	13.78	225	144031	39.560	ug/l	99
95) Naphthalene	13.83	128	941703	51.461	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	328441	49.232	ug/l	97

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

