

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013765.D
 Acq On : 05 Dec 2019 09:52
 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

apatel
 12/6/2019 9:30:18 AM

Quant Time: Dec 06 02:32:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	697932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1023807	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	927629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	479821	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	345929	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	
35) Dibromofluoromethane	5.48	113	293922	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
50) Toluene-d8	8.71	98	1114032	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
62) 4-Bromofluorobenzene	11.13	95	408058	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	396384	51.025	ug/l	98
3) Chloromethane	1.32	50	412524	47.326	ug/l	99
4) Vinyl Chloride	1.40	62	497188	50.677	ug/l	100
5) Bromomethane	1.63	94	289548	43.946	ug/l	99
6) Chloroethane	1.71	64	272958	48.893	ug/l	98
7) Trichlorofluoromethane	1.92	101	541441	49.701	ug/l	99
8) Diethyl Ether	2.18	74	248906	50.503	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	337955	50.788	ug/l	98
10) Methyl Iodide	2.50	142	395390	49.121	ug/l	100
11) Tert butyl alcohol	3.03	59	393921	196.991	ug/l	99
12) 1,1-Dichloroethene	2.36	96	329126	49.552	ug/l	99
13) Acrolein	2.28	56	402915	300.050	ug/l	99
14) Allyl chloride	2.72	41	592945	49.192	ug/l	99
15) Acrylonitrile	3.13	53	963505	233.423	ug/l	99
16) Acetone	2.43	43	1163720	290.947	ug/l	100
17) Carbon Disulfide	2.56	76	880627	46.510	ug/l	99
18) Methyl Acetate	2.76	43	552003	49.561	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1113161	50.590	ug/l	99
20) Methylene Chloride	2.84	84	374677	48.759	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	354600	49.007	ug/l	99
22) Diisopropyl ether	3.84	45	1182030	50.928	ug/l	96
23) Vinyl Acetate	3.80	43	4794639	248.324	ug/l	100
24) 1,1-Dichloroethane	3.68	63	644851	50.824	ug/l	98
25) 2-Butanone	4.65	43	1526529	256.800	ug/l	100
26) 2,2-Dichloropropane	4.57	77	544868	51.904	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	410518	49.403	ug/l	99
28) Bromochloromethane	5.00	49	258894	51.635	ug/l	99
29) Tetrahydrofuran	5.11	42	849091	231.704	ug/l	99
30) Chloroform	5.20	83	626387	48.680	ug/l	97
31) Cyclohexane	5.57	56	585688	48.941	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	544592	50.646	ug/l	100
36) 1,1-Dichloropropene	5.79	75	483521	52.027	ug/l	99
37) Ethyl Acetate	4.81	43	519961	49.872	ug/l	99
38) Carbon Tetrachloride	5.77	117	466354	54.420	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120519\
 Data File : VX013765.D
 Acq On : 05 Dec 2019 09:52
 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

apatel
 12/6/2019 9:30:18 AM

Quant Time: Dec 06 02:32:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	615555	53.584	ug/l	99
40) Benzene	6.13	78	1459936	51.578	ug/l	99
41) Methacrylonitrile	5.02	41	294941	51.583	ug/l	99
42) 1,2-Dichloroethane	6.18	62	505592	52.375	ug/l	99
43) Isopropyl Acetate	6.43	43	874393	50.942	ug/l	99
44) Trichloroethene	7.20	130	402189	51.773	ug/l	94
45) 1,2-Dichloropropane	7.50	63	380310	53.702	ug/l	98
46) Dibromomethane	7.65	93	245973	51.139	ug/l	99
47) Bromodichloromethane	7.89	83	504787	55.515	ug/l	96
48) Methyl methacrylate	7.76	41	438766	52.611	ug/l	98
49) 1,4-Dioxane	7.73	88	154928	829.924	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	2696804	249.776	ug/l	100
52) Toluene	8.78	92	933140	53.067	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	563319	54.428	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	620473	54.873	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	376800	53.174	ug/l	98
56) Ethyl methacrylate	9.17	69	610055	53.548	ug/l	100
57) 1,3-Dichloropropane	9.36	76	634036	51.910	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	1233005	276.037	ug/l	99
59) 2-Hexanone	9.48	43	2177176	258.549	ug/l	100
60) Dibromochloromethane	9.57	129	407613	55.428	ug/l	99
61) 1,2-Dibromoethane	9.67	107	393688	52.018	ug/l	100
64) Tetrachloroethene	9.33	164	367821	53.171	ug/l	99
65) Chlorobenzene	10.13	112	1009570	52.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	376010	54.369	ug/l	99
67) Ethyl Benzene	10.25	91	1798762	54.351	ug/l	98
68) m/p-Xylenes	10.36	106	1375937	108.592	ug/l	99
69) o-Xylene	10.70	106	668720	54.114	ug/l	100
70) Styrene	10.71	104	1145885	55.123	ug/l	100
71) Bromoform	10.85	173	325192	56.828	ug/l	# 100
73) Isopropylbenzene	11.01	105	1767840	52.524	ug/l	99
74) N-amyl acetate	10.89	43	794922	51.558	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	591230	50.653	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	469387m	43.494	ug/l	
77) Bromobenzene	11.25	156	466479	51.303	ug/l	99
78) n-propylbenzene	11.35	91	2029778	54.023	ug/l	99
79) 2-Chlorotoluene	11.42	91	1175456	52.153	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1488615	53.964	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	202817	51.415	ug/l	98
82) 4-Chlorotoluene	11.51	91	1369251	52.453	ug/l	100
83) tert-Butylbenzene	11.76	119	1526503	54.450	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1494219	53.372	ug/l	100
85) sec-Butylbenzene	11.94	105	1759126	54.935	ug/l	99
86) p-Isopropyltoluene	12.06	119	1619604	54.367	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	833963	52.616	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	829056	51.353	ug/l	99
89) n-Butylbenzene	12.39	91	1414402	55.668	ug/l	99
90) Hexachloroethane	12.59	117	293764	54.556	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	825440	52.708	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	125351	49.315	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
Data File : VX013765.D
Acq On : 05 Dec 2019 09:52
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

apatel
12/6/2019 9:30:18 AM

Quant Time: Dec 06 02:32:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	574430	52.631	ug/l	96
94) Hexachlorobutadiene	13.78	225	281889	53.765	ug/l	98
95) Naphthalene	13.83	128	1723064	53.012	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	567606	52.525	ug/l	98

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

