

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111919\
 Data File : VX013454.D
 Acq On : 19 Nov 2019 09:55
 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

Quant Time: Nov 19 16:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	673183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1014113	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	911093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	463409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	358814	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
35) Dibromofluoromethane	5.48	113	297665	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	8.71	98	1136662	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
62) 4-Bromofluorobenzene	11.13	95	415006	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

MMDadoda

11/20/2019 9:16:05 AM

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	362176	46.694	ug/l	99
3) Chloromethane	1.31	50	387554	46.075	ug/l	99
4) Vinyl Chloride	1.40	62	462968	48.347	ug/l	99
5) Bromomethane	1.63	94	290890	43.591	ug/l	99
6) Chloroethane	1.71	64	257177	46.908	ug/l	100
7) Trichlorofluoromethane	1.92	101	516616	45.663	ug/l	100
8) Diethyl Ether	2.18	74	235095	46.991	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	328812	52.145	ug/l	98
10) Methyl Iodide	2.50	142	358051	45.863	ug/l	98
11) Tert butyl alcohol	3.03	59	435045	206.964	ug/l	99
12) 1,1-Dichloroethene	2.36	96	309452	50.114	ug/l	97
13) Acrolein	2.28	56	275702	242.004	ug/l	99
14) Allyl chloride	2.72	41	592735	52.830	ug/l	96
15) Acrylonitrile	3.12	53	1009409	257.075	ug/l	99
16) Acetone	2.43	43	959431	241.188	ug/l	99
17) Carbon Disulfide	2.56	76	788320	47.697	ug/l	100
18) Methyl Acetate	2.76	43	581098	52.913	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1096994	53.264	ug/l	96
20) Methylene Chloride	2.84	84	355203	48.329	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	332790	49.497	ug/l	97
22) Diisopropyl ether	3.84	45	1181857	54.562	ug/l	97
23) Vinyl Acetate	3.80	43	4900252	264.375	ug/l	100
24) 1,1-Dichloroethane	3.68	63	631519	52.117	ug/l	98
25) 2-Butanone	4.65	43	1483810	254.265	ug/l	97
26) 2,2-Dichloropropane	4.56	77	536815	55.688	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	395945	52.571	ug/l	100
28) Bromochloromethane	5.00	49	177046	51.459	ug/l	99
29) Tetrahydrofuran	5.11	42	899475	250.119	ug/l	100
30) Chloroform	5.19	83	625262	52.257	ug/l	97
31) Cyclohexane	5.56	56	550112	50.453	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	524565	50.943	ug/l	100
36) 1,1-Dichloropropene	5.79	75	461998	53.104	ug/l	100
37) Ethyl Acetate	4.81	43	544566	50.657	ug/l	99
38) Carbon Tetrachloride	5.77	117	453666	53.326	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111919\
 Data File : VX013454.D
 Acq On : 19 Nov 2019 09:55
 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

Quant Time: Nov 19 16:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	571982	52.765	ug/l	98
40) Benzene	6.13	78	1413861	52.172	ug/l	99
41) Methacrylonitrile	5.03	41	312102	51.797	ug/l	98
42) 1,2-Dichloroethane	6.17	62	495048	50.644	ug/l	98
43) Isopropyl Acetate	6.43	43	897250	53.600	ug/l	99
44) Trichloroethene	7.20	130	378897	50.793	ug/l	98
45) 1,2-Dichloropropane	7.50	63	372176	53.901	ug/l	100
46) Dibromomethane	7.65	93	238490	50.587	ug/l	98
47) Bromodichloromethane	7.89	83	492362	55.383	ug/l	95
48) Methyl methacrylate	7.76	41	446346	53.415	ug/l	98
49) 1,4-Dioxane	7.73	88	172456	901.192	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2821223	256.878	ug/l	99
52) Toluene	8.78	92	887665	52.849	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	556494	57.245	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	604831	55.620	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	368284	52.900	ug/l	99
56) Ethyl methacrylate	9.17	69	602576	50.677	ug/l	99
57) 1,3-Dichloropropane	9.36	76	618833	52.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1296638	272.393	ug/l	100
59) 2-Hexanone	9.48	43	2199336	259.135	ug/l	99
60) Dibromochloromethane	9.57	129	400410	56.237	ug/l	99
61) 1,2-Dibromoethane	9.67	107	385749	52.180	ug/l	99
64) Tetrachloroethene	9.33	164	329775	50.562	ug/l	99
65) Chlorobenzene	10.13	112	966208	52.382	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	368763	54.448	ug/l	99
67) Ethyl Benzene	10.25	91	1708335	53.662	ug/l	100
68) m/p-Xylenes	10.35	106	1295790	107.626	ug/l	99
69) o-Xylene	10.69	106	633306	53.728	ug/l	99
70) Styrene	10.71	104	1096598	55.654	ug/l	98
71) Bromoform	10.85	173	308987	49.255	ug/l	100
73) Isopropylbenzene	11.01	105	1688476	54.955	ug/l	100
74) N-amyl acetate	10.89	43	800192	56.163	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	599742	53.506	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	483359m	51.353	ug/l	
77) Bromobenzene	11.25	156	442597	54.036	ug/l	99
78) n-propylbenzene	11.35	91	1949130	56.950	ug/l	99
79) 2-Chlorotoluene	11.42	91	1141910	55.377	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1434243	56.042	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	208466	57.008	ug/l	96
82) 4-Chlorotoluene	11.51	91	1324743	54.881	ug/l	100
83) tert-Butylbenzene	11.76	119	1462543	56.771	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1443897	56.243	ug/l	100
85) sec-Butylbenzene	11.94	105	1679267	56.716	ug/l	100
86) p-Isopropyltoluene	12.06	119	1566035	57.440	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	786111	53.842	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	786985	52.905	ug/l	99
89) n-Butylbenzene	12.39	91	1375485	57.818	ug/l	99
90) Hexachloroethane	12.59	117	285707	58.816	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	777671	53.286	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	129776	47.523	ug/l	98

MMDadoda

11/20/2019 9:16:05 AM

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111919\
Data File : VX013454.D
Acq On : 19 Nov 2019 09:55
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

Quant Time: Nov 19 16:18:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	572728	56.259	ug/l	98
94) Hexachlorobutadiene	13.78	225	272382	54.689	ug/l	99
95) Naphthalene	13.83	128	1713347	53.642	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	553162	54.181	ug/l	100

MMDadoda

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

11/20/2019 9:16:05 AM

