

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013658.D
 Acq On : 27 Nov 2019 17:47
 Operator : JC/SP
 Sample : VX1127WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Manual Integrations
 APPROVED

apatel
 12/2/2019 3:17:34 PM

Quant Time: Nov 28 04:11:49 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	649892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1000972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	898952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	448738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	368280	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	5.49	113	299356	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	8.71	98	1178909	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.13	95	422302	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	148861	20.579	ug/l	99
3) Chloromethane	1.32	50	165029	20.332	ug/l	98
4) Vinyl Chloride	1.40	62	191039	20.912	ug/l	98
5) Bromomethane	1.64	94	102698	16.739	ug/l	95
6) Chloroethane	1.72	64	107921	20.760	ug/l	96
7) Trichlorofluoromethane	1.92	101	204844	20.193	ug/l	99
8) Diethyl Ether	2.18	74	92782	20.217	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	121171	19.556	ug/l	98
10) Methyl Iodide	2.50	142	138669	18.501	ug/l	99
11) Tert butyl alcohol	3.03	59	174863	93.909	ug/l	98
12) 1,1-Dichloroethene	2.37	96	125021	20.214	ug/l	97
13) Acrolein	2.28	56	103964	87.485	ug/l	99
14) Allyl chloride	2.72	41	218347	19.454	ug/l	98
15) Acrylonitrile	3.13	53	399426	103.920	ug/l	99
16) Acetone	2.43	43	441879	118.642	ug/l	100
17) Carbon Disulfide	2.56	76	328667	18.641	ug/l	99
18) Methyl Acetate	2.76	43	231539	22.325	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	410590	20.040	ug/l	100
20) Methylene Chloride	2.85	84	138764	19.393	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	135667	20.136	ug/l	95
22) Diisopropyl ether	3.84	45	438472	20.288	ug/l	99
23) Vinyl Acetate	3.80	43	1208265	67.204	ug/l	99
24) 1,1-Dichloroethane	3.69	63	242166	20.497	ug/l	98
25) 2-Butanone	4.65	43	610382	110.272	ug/l	98
26) 2,2-Dichloropropane	4.57	77	167635	17.149	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	151642	19.598	ug/l	99
28) Bromochloromethane	5.00	49	99281	21.257	ug/l	99
29) Tetrahydrofuran	5.11	42	363975	106.665	ug/l	99
30) Chloroform	5.20	83	233099	19.454	ug/l	98
31) Cyclohexane	5.57	56	216449	19.424	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	195946	19.570	ug/l	99
36) 1,1-Dichloropropene	5.79	75	174352	19.188	ug/l	98
37) Ethyl Acetate	4.82	43	209270	20.530	ug/l	99
38) Carbon Tetrachloride	5.78	117	166163	19.832	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112719\
 Data File : VX013658.D
 Acq On : 27 Nov 2019 17:47
 Operator : JC/SP
 Sample : VX1127WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Manual Integrations
 APPROVED

apatel
 12/2/2019 3:17:34 PM

Quant Time: Nov 28 04:11:49 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	7.46	83	218494	19.454	ug/l	98
40) Benzene	6.13	78	551385	19.924	ug/l	99
41) Methacrylonitrile	5.03	41	114145	20.418	ug/l	99
42) 1,2-Dichloroethane	6.18	62	188966	20.022	ug/l	100
43) Isopropyl Acetate	6.43	43	332433	19.809	ug/l	99
44) Trichloroethene	7.20	130	154658	20.363	ug/l	97
45) 1,2-Dichloropropane	7.51	63	137351	19.837	ug/l	99
46) Dibromomethane	7.65	93	92825	19.739	ug/l	100
47) Bromodichloromethane	7.89	83	173351	19.500	ug/l	96
48) Methyl methacrylate	7.76	41	165796	20.334	ug/l	99
49) 1,4-Dioxane	7.73	88	71891	393.894	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1098300	104.045	ug/l	99
52) Toluene	8.78	92	344040	20.011	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	189298	18.707	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	208852	18.892	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	140109	20.223	ug/l	97
56) Ethyl methacrylate	9.17	69	222412	19.968	ug/l	100
57) 1,3-Dichloropropane	9.37	76	235403	19.713	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	407239	93.250	ug/l	99
59) 2-Hexanone	9.48	43	875416	106.331	ug/l	98
60) Dibromochloromethane	9.57	129	140812	19.585	ug/l	100
61) 1,2-Dibromoethane	9.67	107	148778	20.107	ug/l	99
64) Tetrachloroethene	9.33	164	215802	32.191	ug/l	98
65) Chlorobenzene	10.14	112	372967	19.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	134981	20.140	ug/l	98
67) Ethyl Benzene	10.25	91	646873	20.169	ug/l	98
68) m/p-Xylenes	10.35	106	491257	40.008	ug/l	99
69) o-Xylene	10.70	106	238756	19.937	ug/l	98
70) Styrene	10.71	104	400214	19.867	ug/l	99
71) Bromoform	10.85	173	106408	19.188	ug/l	100
73) Isopropylbenzene	11.01	105	626618	19.907	ug/l	100
74) N-amyl acetate	10.89	43	282918	19.621	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	206627	18.929	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	177668m	17.603	ug/l	
77) Bromobenzene	11.25	156	167360	19.681	ug/l	100
78) n-propylbenzene	11.35	91	715012	20.348	ug/l	100
79) 2-Chlorotoluene	11.42	91	421196	19.982	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	528224	20.475	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	64538	17.494	ug/l	95
82) 4-Chlorotoluene	11.51	91	482545	19.766	ug/l	100
83) tert-Butylbenzene	11.76	119	447739	17.077	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	533316	20.369	ug/l	99
85) sec-Butylbenzene	11.94	105	608949	20.334	ug/l	99
86) p-Isopropyltoluene	12.06	119	556758	19.984	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	289999	19.564	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	292712	19.387	ug/l	99
89) n-Butylbenzene	12.38	91	471295	19.834	ug/l	99
90) Hexachloroethane	12.59	117	93314	18.530	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	288838	19.721	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	47968	20.179	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
Data File : VX013658.D
Acq On : 27 Nov 2019 17:47
Operator : JC/SP
Sample : VX1127WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1127WBSD01

Manual Integrations
APPROVED

apatel
12/2/2019 3:17:34 PM

Quant Time: Nov 28 04:11:49 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	202776	19.866	ug/l	99
94) Hexachlorobutadiene	13.77	225	94635	19.300	ug/l	98
95) Naphthalene	13.83	128	635254	20.898	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	198692	19.660	ug/l	97

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

