

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019460.D
 Acq On : 18 Nov 2020 18:59
 Operator : JC/MD
 Sample : VX1119WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:58:45 AM

Quant Time: Nov 19 03:55:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:47:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	230659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	410749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	374577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182619	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176985	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	5.46	113	128751	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	8.70	98	507146	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.12	95	187806	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	51978	20.060	ug/l	99
3) Chloromethane	1.31	50	60251	18.751	ug/l	99
4) Vinyl Chloride	1.39	62	60949	19.002	ug/l	99
5) Bromomethane	1.62	94	30708	20.057	ug/l	96
6) Chloroethane	1.69	64	22106	18.026	ug/l	96
7) Trichlorofluoromethane	1.90	101	83513	18.601	ug/l	97
8) Diethyl Ether	2.17	74	33955	18.976	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	45629	18.509	ug/l	99
10) Methyl Iodide	2.48	142	52577	17.091	ug/l	99
11) Tert butyl alcohol	3.04	59	77381	115.200	ug/l	97
12) 1,1-Dichloroethene	2.35	96	45523	18.315	ug/l	98
13) Acrolein	2.28	56	41080	85.332	ug/l	98
14) Allyl chloride	2.70	41	83843	19.244	ug/l	99
15) Acrylonitrile	3.12	53	150730	97.309	ug/l	99
16) Acetone	2.43	43	131393	93.996	ug/l	98
17) Carbon Disulfide	2.54	76	127799	18.935	ug/l	99
18) Methyl Acetate	2.75	43	65532	19.058	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	176252	19.613	ug/l	99
20) Methylene Chloride	2.83	84	57348	18.121	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	52612	19.123	ug/l	99
22) Diisopropyl ether	3.82	45	175207	19.709	ug/l	98
23) Vinyl Acetate	3.78	43	756609	100.310	ug/l	99
24) 1,1-Dichloroethane	3.67	63	99067	18.989	ug/l	99
25) 2-Butanone	4.64	43	210082	100.738	ug/l	100
26) 2,2-Dichloropropane	4.54	77	86208	19.349	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	60376	19.314	ug/l	99
28) Bromochloromethane	4.98	49	44404	17.915	ug/l	100
29) Tetrahydrofuran	5.09	42	134479	100.033	ug/l	99
30) Chloroform	5.17	83	101119	19.006	ug/l	100
31) Cyclohexane	5.54	56	85692	18.878	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	88449	19.052	ug/l	99
36) 1,1-Dichloropropene	5.76	75	76497	18.579	ug/l	99
37) Ethyl Acetate	4.79	43	82597	19.500	ug/l	99
38) Carbon Tetrachloride	5.74	117	73264	18.040	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019460.D
 Acq On : 18 Nov 2020 18:59
 Operator : JC/MD
 Sample : VX1119WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1119WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:58:45 AM

Quant Time: Nov 19 03:55:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:47:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	86395	18.662	ug/l	97
40) Benzene	6.11	78	226469	18.461	ug/l	100
41) Methacrylonitrile	5.01	41	44727	19.281	ug/l	99
42) 1,2-Dichloroethane	6.16	62	87172	18.701	ug/l	99
43) Isopropyl Acetate	6.41	43	132513	18.877	ug/l	99
44) Trichloroethene	7.18	130	57239	18.507	ug/l	94
45) 1,2-Dichloropropane	7.49	63	57887	18.198	ug/l	97
46) Dibromomethane	7.63	93	39139	18.733	ug/l	99
47) Bromodichloromethane	7.87	83	75658	18.305	ug/l	95
48) Methyl methacrylate	7.74	41	64903	19.139	ug/l	99
49) 1,4-Dioxane	7.72	88	26493	396.317	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	402239	96.522	ug/l	100
52) Toluene	8.76	92	143812	19.312	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	86713	18.393	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	93405	18.181	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	57769	19.154	ug/l	97
56) Ethyl methacrylate	9.16	69	85692	18.512	ug/l	99
57) 1,3-Dichloropropane	9.35	76	99982	19.079	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	242233	97.997	ug/l	99
59) 2-Hexanone	9.48	43	309024	97.912	ug/l	99
60) Dibromochloromethane	9.56	129	55289	17.908	ug/l	99
61) 1,2-Dibromoethane	9.65	107	58777	18.800	ug/l	99
64) Tetrachloroethene	9.32	164	55020	18.795	ug/l	97
65) Chlorobenzene	10.12	112	147123	19.168	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	52218	18.469	ug/l	97
67) Ethyl Benzene	10.23	91	269448	19.404	ug/l	99
68) m/p-Xylenes	10.34	106	199384	39.377	ug/l	99
69) o-Xylene	10.68	106	94146	19.525	ug/l	97
70) Styrene	10.70	104	157090	18.518	ug/l	99
71) Bromoform	10.84	173	36559	18.569	ug/l #	99
73) Isopropylbenzene	11.00	105	256354	19.416	ug/l	100
74) N-amyl acetate	10.88	43	107778	19.393	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	86822	19.056	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	83617m	19.205	ug/l	
77) Bromobenzene	11.24	156	60527	19.457	ug/l	99
78) n-propylbenzene	11.34	91	297872	19.553	ug/l	100
79) 2-Chlorotoluene	11.40	91	180057	19.443	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	220778	19.651	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	26019	19.003	ug/l	94
82) 4-Chlorotoluene	11.49	91	214075	19.378	ug/l	99
83) tert-Butylbenzene	11.75	119	201099	19.459	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	222105	19.774	ug/l	100
85) sec-Butylbenzene	11.93	105	247207	19.505	ug/l	100
86) p-Isopropyltoluene	12.05	119	223065	18.615	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	109263	18.519	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	111814	18.480	ug/l	98
89) n-Butylbenzene	12.37	91	202101	18.796	ug/l	100
90) Hexachloroethane	12.58	117	36068	18.485	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	108791	18.705	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19128	18.556	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
Data File : VX019460.D
Acq On : 18 Nov 2020 18:59
Operator : JC/MD
Sample : VX1119WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1119WBSD01

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:58:45 AM

Quant Time: Nov 19 03:55:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 16:47:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	69046	18.690	ug/l	98
94) Hexachlorobutadiene	13.76	225	29987	18.739	ug/l	97
95) Naphthalene	13.82	128	232313	18.160	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	67102	18.246	ug/l	99

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

