

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019513.D
 Acq On : 20 Nov 2020 23:40
 Operator : JC/MD
 Sample : VX1121WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:51:19 PM

Quant Time: Nov 21 05:07:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	254676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	435627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	386699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186431	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170875	51.75	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.50%
35) Dibromofluoromethane	5.46	113	135168	49.43	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.86%
50) Toluene-d8	8.70	98	519682	48.91	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.82%
62) 4-Bromofluorobenzene	11.12	95	184247	48.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.38%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	47239	19.074	ug/l	99
3) Chloromethane	1.31	50	52977	18.641	ug/l	99
4) Vinyl Chloride	1.39	62	59421	19.423	ug/l	99
5) Bromomethane	1.62	94	21914	18.911	ug/l	100
6) Chloroethane	1.69	64	16312	19.287	ug/l	94
7) Trichlorofluoromethane	1.90	101	85173	19.289	ug/l	98
8) Diethyl Ether	2.17	74	35329	19.978	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46942	19.056	ug/l	99
10) Methyl Iodide	2.48	142	53596	16.561	ug/l	99
11) Tert butyl alcohol	3.04	59	78810m	126.112	ug/l	
12) 1,1-Dichloroethene	2.34	96	48296	19.101	ug/l	97
13) Acrolein	2.28	56	37344	88.900	ug/l	98
14) Allyl chloride	2.70	41	72238	18.238	ug/l	99
15) Acrylonitrile	3.12	53	150530	102.138	ug/l	99
16) Acetone	2.43	43	123817	96.961	ug/l	100
17) Carbon Disulfide	2.54	76	118031	17.377	ug/l	98
18) Methyl Acetate	2.75	43	64277	20.903	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	173887	19.924	ug/l	99
20) Methylene Chloride	2.83	84	59726	18.713	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	53903	18.816	ug/l	97
22) Diisopropyl ether	3.83	45	161951	19.765	ug/l	93
23) Vinyl Acetate	3.79	43	686906	99.943	ug/l	100
24) 1,1-Dichloroethane	3.67	63	98175	19.588	ug/l	100
25) 2-Butanone	4.64	43	191553	99.857	ug/l	98
26) 2,2-Dichloropropane	4.55	77	68692	15.702	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	63581	19.322	ug/l	99
28) Bromochloromethane	4.98	49	43158	18.011	ug/l	99
29) Tetrahydrofuran	5.09	42	122632	100.194	ug/l	99
30) Chloroform	5.17	83	101250	19.320	ug/l	97
31) Cyclohexane	5.54	56	80109	18.653	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	87335	19.400	ug/l	99
36) 1,1-Dichloropropene	5.76	75	72490	17.750	ug/l	99
37) Ethyl Acetate	4.80	43	75429	19.673	ug/l	98
38) Carbon Tetrachloride	5.75	117	71739	18.148	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019513.D
 Acq On : 20 Nov 2020 23:40
 Operator : JC/MD
 Sample : VX1121WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1121WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:51:19 PM

Quant Time: Nov 21 05:07:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	83444	17.548	ug/l	98
40) Benzene	6.11	78	231209	18.426	ug/l	100
41) Methacrylonitrile	5.01	41	40048	18.942	ug/l	98
42) 1,2-Dichloroethane	6.16	62	80903	18.811	ug/l	100
43) Isopropyl Acetate	6.42	43	120255	18.659	ug/l	99
44) Trichloroethene	7.18	130	58821	17.896	ug/l	99
45) 1,2-Dichloropropane	7.49	63	58258	18.859	ug/l	99
46) Dibromomethane	7.63	93	39584	18.722	ug/l	98
47) Bromodichloromethane	7.87	83	75086	18.302	ug/l	98
48) Methyl methacrylate	7.74	41	57684	19.111	ug/l	100
49) 1,4-Dioxane	7.72	88	28459	415.258	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	372353	99.075	ug/l	99
52) Toluene	8.76	92	142802	18.603	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	77021	17.383	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	87703	17.836	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	58039	18.565	ug/l	98
56) Ethyl methacrylate	9.16	69	83536	18.884	ug/l	99
57) 1,3-Dichloropropane	9.35	76	99274	18.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	233342	90.021	ug/l	99
59) 2-Hexanone	9.48	43	278961	97.868	ug/l	100
60) Dibromochloromethane	9.56	129	55034	17.972	ug/l	100
61) 1,2-Dibromoethane	9.65	107	60694	18.834	ug/l	99
64) Tetrachloroethene	9.32	164	55690	18.321	ug/l	95
65) Chlorobenzene	10.12	112	147203	18.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	53107	18.364	ug/l	100
67) Ethyl Benzene	10.23	91	261129	18.748	ug/l	99
68) m/p-Xylenes	10.34	106	195556	37.686	ug/l	100
69) o-Xylene	10.68	106	93194	18.787	ug/l	100
70) Styrene	10.70	104	156994	18.181	ug/l	100
71) Bromoform	10.84	173	37492	17.804	ug/l #	100
73) Isopropylbenzene	11.00	105	250224	19.402	ug/l	100
74) N-amyl acetate	10.88	43	95685	19.800	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	89460	19.397	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	79166m	19.458	ug/l	
77) Bromobenzene	11.24	156	62716	19.049	ug/l	98
78) n-propylbenzene	11.34	91	279045	18.861	ug/l	100
79) 2-Chlorotoluene	11.40	91	171724	19.138	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	206313	19.070	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	23055	18.242	ug/l	95
82) 4-Chlorotoluene	11.49	91	200854	19.015	ug/l	99
83) tert-Butylbenzene	11.76	119	202973	19.392	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	212135	19.379	ug/l	100
85) sec-Butylbenzene	11.93	105	237238	19.052	ug/l	99
86) p-Isopropyltoluene	12.05	119	215425	19.055	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	111191	18.390	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	112088	17.997	ug/l	98
89) n-Butylbenzene	12.37	91	181167	17.726	ug/l	100
90) Hexachloroethane	12.58	117	34358	18.162	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	112936	18.597	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18259	19.406	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
Data File : VX019513.D
Acq On : 20 Nov 2020 23:40
Operator : JC/MD
Sample : VX1121WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS02

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:51:19 PM

Quant Time: Nov 21 05:07:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	66997	17.184	ug/l	98
94) Hexachlorobutadiene	13.76	225	31138	17.532	ug/l	96
95) Naphthalene	13.82	128	232525	18.351	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	71172	18.250	ug/l	98

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

