

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013506.D
 Acq On : 21 Nov 2019 16:23
 Operator : JC/SP
 Sample : VX1121WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS03

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 8:44:25 AM

Quant Time: Nov 22 04:07:50 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	761706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1134127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1017274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	504871	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	439592	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.48	113	365785	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	8.71	98	1386072	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.14	95	496605	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	127443	14.521	ug/l	99
3) Chloromethane	1.31	50	137268	14.423	ug/l	97
4) Vinyl Chloride	1.40	62	168418	15.544	ug/l	100
5) Bromomethane	1.63	94	85688	11.348	ug/l	97
6) Chloroethane	1.71	64	100705	15.436	ug/l	98
7) Trichlorofluoromethane	1.92	101	194555	15.198	ug/l	99
8) Diethyl Ether	2.18	74	93050	16.437	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	123296	17.281	ug/l	99
10) Methyl Iodide	2.50	142	90071	10.196	ug/l	98
11) Tert butyl alcohol	3.03	59	190861	80.246	ug/l	100
12) 1,1-Dichloroethene	2.36	96	117647	16.838	ug/l	98
13) Acrolein	2.28	56	83839	65.039	ug/l	96
14) Allyl chloride	2.72	41	216448	17.050	ug/l	96
15) Acrylonitrile	3.13	53	388491	87.442	ug/l	99
16) Acetone	2.43	43	368420	81.852	ug/l	100
17) Carbon Disulfide	2.56	76	262142	14.017	ug/l	98
18) Methyl Acetate	2.76	43	227073	18.273	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	427231	18.333	ug/l	100
20) Methylene Chloride	2.84	84	138102	16.606	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	126422	16.618	ug/l	98
22) Diisopropyl ether	3.84	45	447264	18.249	ug/l	99
23) Vinyl Acetate	3.80	43	1823553	86.949	ug/l	100
24) 1,1-Dichloroethane	3.69	63	237834	17.347	ug/l	99
25) 2-Butanone	4.66	43	563571	85.350	ug/l	99
26) 2,2-Dichloropropane	4.57	77	202334	18.550	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	150298	17.636	ug/l	99
28) Bromochloromethane	5.00	49	67669	17.383	ug/l	97
29) Tetrahydrofuran	5.12	42	356241	87.548	ug/l	99
30) Chloroform	5.20	83	246013	18.171	ug/l	96
31) Cyclohexane	5.56	56	199886	16.202	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	198755	17.059	ug/l	99
36) 1,1-Dichloropropene	5.79	75	171701	17.648	ug/l	100
37) Ethyl Acetate	4.82	43	212400	17.667	ug/l	100
38) Carbon Tetrachloride	5.78	117	164127	17.251	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013506.D
 Acq On : 21 Nov 2019 16:23
 Operator : JC/SP
 Sample : VX1121WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS03

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 8:44:25 AM

Quant Time: Nov 22 04:07:50 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	207201	17.091	ug/l	99
40) Benzene	6.13	78	535781	17.679	ug/l	100
41) Methacrylonitrile	5.03	41	115376	17.122	ug/l	99
42) 1,2-Dichloroethane	6.18	62	190661	17.441	ug/l	98
43) Isopropyl Acetate	6.44	43	348648	18.624	ug/l	99
44) Trichloroethene	7.21	130	143565	17.209	ug/l	94
45) 1,2-Dichloropropane	7.51	63	140880	18.244	ug/l	98
46) Dibromomethane	7.65	93	93406	17.716	ug/l	99
47) Bromodichloromethane	7.89	83	179613	18.066	ug/l	94
48) Methyl methacrylate	7.76	41	167912	17.968	ug/l	97
49) 1,4-Dioxane	7.73	88	70579	329.791	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1101699	89.697	ug/l	99
52) Toluene	8.78	92	339818	18.091	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	194212	17.864	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	220323	18.117	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	140346	18.026	ug/l	97
56) Ethyl methacrylate	9.17	69	223370	17.843	ug/l	99
57) 1,3-Dichloropropane	9.37	76	242224	18.327	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	517581	97.226	ug/l	100
59) 2-Hexanone	9.48	43	848368	89.381	ug/l	99
60) Dibromochloromethane	9.57	129	142353	17.877	ug/l	99
61) 1,2-Dibromoethane	9.67	107	149697	18.107	ug/l	100
64) Tetrachloroethene	9.33	164	133646	18.352	ug/l	99
65) Chlorobenzene	10.14	112	365854	17.764	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	137505	18.184	ug/l	99
67) Ethyl Benzene	10.25	91	646292	18.182	ug/l	99
68) m/p-Xylenes	10.36	106	489481	36.412	ug/l	100
69) o-Xylene	10.70	106	241455	18.346	ug/l	98
70) Styrene	10.71	104	403903	18.359	ug/l	99
71) Bromoform	10.86	173	107210	17.514	ug/l #	98
73) Isopropylbenzene	11.01	105	644479	19.253	ug/l	100
74) N-amyl acetate	10.89	43	301756	19.440	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	232125	19.008	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	181604m	17.710	ug/l	
77) Bromobenzene	11.25	156	166477	18.656	ug/l	98
78) n-propylbenzene	11.35	91	711037	19.069	ug/l	99
79) 2-Chlorotoluene	11.42	91	425725	18.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	539181	19.338	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	70364	17.662	ug/l	99
82) 4-Chlorotoluene	11.51	91	485026	18.443	ug/l	99
83) tert-Butylbenzene	11.76	119	551196	19.639	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	548291	19.603	ug/l	98
85) sec-Butylbenzene	11.94	105	620822	19.246	ug/l	99
86) p-Isopropyltoluene	12.06	119	575759	19.384	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	291134	18.303	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	290826	17.945	ug/l	100
89) n-Butylbenzene	12.39	91	477789	18.434	ug/l	99
90) Hexachloroethane	12.59	117	99273	18.758	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	298963	18.803	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48852	16.420	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
Data File : VX013506.D
Acq On : 21 Nov 2019 16:23
Operator : JC/SP
Sample : VX1121WBS03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS03

Manual Integrations
APPROVED

MMDadoda
11/22/2019 8:44:25 AM

Quant Time: Nov 22 04:07:50 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	203343	18.334	ug/l	97
94) Hexachlorobutadiene	13.78	225	98123	18.083	ug/l	99
95) Naphthalene	13.83	128	635696	18.268	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	203251	18.273	ug/l	99

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

