

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013495.D
 Acq On : 21 Nov 2019 12:07
 Operator : JC/SP
 Sample : VX1121WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1121WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 21 15:34:16 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	602409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	909137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	811149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	389774	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	382178	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	5.48	113	316104	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
50) Toluene-d8	8.71	98	1179875	54.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.78%	
62) 4-Bromofluorobenzene	11.14	95	421552	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	127783	18.410	ug/l	96
3) Chloromethane	1.31	50	144081	19.142	ug/l	96
4) Vinyl Chloride	1.40	62	172981	20.186	ug/l	98
5) Bromomethane	1.62	94	105373	17.646	ug/l	94
6) Chloroethane	1.72	64	98701	19.421	ug/l	100
7) Trichlorofluoromethane	1.92	101	197700	19.528	ug/l	99
8) Diethyl Ether	2.18	74	91438	20.424	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	121605	21.551	ug/l	99
10) Methyl Iodide	2.50	142	118439	16.953	ug/l	95
11) Tert butyl alcohol	3.03	59	189261	100.615	ug/l	99
12) 1,1-Dichloroethene	2.36	96	120595	21.824	ug/l	97
13) Acrolein	2.28	56	88836	87.139	ug/l	98
14) Allyl chloride	2.72	41	217385	21.652	ug/l	98
15) Acrylonitrile	3.12	53	398137	113.310	ug/l	99
16) Acetone	2.43	43	348856	98.001	ug/l	100
17) Carbon Disulfide	2.56	76	274500	18.560	ug/l	100
18) Methyl Acetate	2.76	43	234432	23.854	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	427426	23.191	ug/l	98
20) Methylene Chloride	2.84	84	141673	21.541	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	125622	20.879	ug/l	98
22) Diisopropyl ether	3.84	45	455297	23.489	ug/l	98
23) Vinyl Acetate	3.80	43	1848896	111.470	ug/l	99
24) 1,1-Dichloroethane	3.69	63	242407	22.355	ug/l	98
25) 2-Butanone	4.65	43	553563	106.003	ug/l	100
26) 2,2-Dichloropropane	4.57	77	194194	22.512	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	153141	22.722	ug/l	99
28) Bromochloromethane	5.00	49	65307	21.212	ug/l	97
29) Tetrahydrofuran	5.11	42	359284	111.644	ug/l	99
30) Chloroform	5.20	83	249910	23.340	ug/l	94
31) Cyclohexane	5.57	56	201425	20.644	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	200465	21.755	ug/l	99
36) 1,1-Dichloropropene	5.79	75	168750	21.637	ug/l	98
37) Ethyl Acetate	4.82	43	209714	21.761	ug/l	98
38) Carbon Tetrachloride	5.78	117	170372	22.339	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013495.D
 Acq On : 21 Nov 2019 12:07
 Operator : JC/SP
 Sample : VX1121WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1121WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 21 15:34:16 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	7.46	83	202646	20.852	ug/l	99
40) Benzene	6.13	78	538795	22.178	ug/l	99
41) Methacrylonitrile	5.03	41	122942	22.760	ug/l	97
42) 1,2-Dichloroethane	6.18	62	194772	22.226	ug/l	99
43) Isopropyl Acetate	6.43	43	348444	23.219	ug/l	99
44) Trichloroethene	7.20	130	144805	21.653	ug/l	100
45) 1,2-Dichloropropane	7.51	63	138007	22.295	ug/l	100
46) Dibromomethane	7.65	93	93310	22.078	ug/l	98
47) Bromodichloromethane	7.89	83	183635	23.041	ug/l	93
48) Methyl methacrylate	7.76	41	170597	22.773	ug/l	97
49) 1,4-Dioxane	7.73	88	75306	438.961	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1109058	112.642	ug/l	98
52) Toluene	8.78	92	343201	22.793	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	199803	22.926	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	223877	22.965	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	147884	23.695	ug/l	97
56) Ethyl methacrylate	9.17	69	227517	22.249	ug/l	97
57) 1,3-Dichloropropane	9.37	76	244946	23.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	395958	92.786	ug/l	100
59) 2-Hexanone	9.48	43	850264	111.749	ug/l	99
60) Dibromochloromethane	9.57	129	149127	23.363	ug/l	99
61) 1,2-Dibromoethane	9.67	107	151007	22.785	ug/l	99
64) Tetrachloroethene	9.33	164	131653	22.672	ug/l	97
65) Chlorobenzene	10.14	112	370330	22.551	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	139974	23.214	ug/l	99
67) Ethyl Benzene	10.25	91	640892	22.612	ug/l	99
68) m/p-Xylenes	10.35	106	480752	44.851	ug/l	99
69) o-Xylene	10.70	106	243915	23.243	ug/l	98
70) Styrene	10.71	104	401486	22.887	ug/l	99
71) Bromoform	10.85	173	111272	21.831	ug/l	99
73) Isopropylbenzene	11.01	105	640121	24.770	ug/l	99
74) N-amyl acetate	10.89	43	295778	24.681	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	234050	24.826	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	216357m	27.329	ug/l	
77) Bromobenzene	11.25	156	169184	24.557	ug/l	96
78) n-propylbenzene	11.35	91	702957	24.419	ug/l	99
79) 2-Chlorotoluene	11.42	91	422878	24.382	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	530039	24.624	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	69250	22.515	ug/l	97
82) 4-Chlorotoluene	11.51	91	478456	23.566	ug/l	100
83) tert-Butylbenzene	11.76	119	549134	25.342	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	539708	24.994	ug/l	99
85) sec-Butylbenzene	11.94	105	604663	24.280	ug/l	99
86) p-Isopropyltoluene	12.06	119	567486	24.747	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286581	23.337	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	287430	22.973	ug/l	99
89) n-Butylbenzene	12.39	91	452717	22.625	ug/l	100
90) Hexachloroethane	12.59	117	97866	23.953	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	294562	23.996	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48289	21.024	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
Data File : VX013495.D
Acq On : 21 Nov 2019 12:07
Operator : JC/SP
Sample : VX1121WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1121WBS01

Manual Integrations
APPROVED

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

Quant Time: Nov 21 15:34:16 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	187004	21.840	ug/l	100
94) Hexachlorobutadiene	13.78	225	92038	21.971	ug/l	99
95) Naphthalene	13.83	128	601926	22.406	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	193695	22.556	ug/l	99

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

