

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020634.D
 Acq On : 15 Jan 2021 16:31
 Operator : JC/MD
 Sample : VX0115WBS04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS04

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 4:22:11 PM

Quant Time: Jan 16 00:55:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	221163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	357523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	360204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	175886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	135268	50.92	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.84%
35) Dibromofluoromethane	5.464	113	112658	45.48	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.96%
50) Toluene-d8	8.696	98	413862	46.69	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.38%
62) 4-Bromofluorobenzene	11.116	95	172719	55.18	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.36%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	38194	17.51	ug/l	99
3) Chloromethane	1.313	50	34984	17.33	ug/l	100
4) Vinyl Chloride	1.392	62	40135	17.34	ug/l	98
5) Bromomethane	1.624	94	29216	18.69	ug/l	97
6) Chloroethane	1.709	64	26235	16.83	ug/l	98
7) Trichlorofluoromethane	1.916	101	66443	17.33	ug/l	100
8) Diethyl Ether	2.166	74	23539	17.23	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.361	101	37887	17.61	ug/l	99
10) Methyl Iodide	2.489	142	48751	16.25	ug/l	94
11) Tert butyl alcohol	3.001	59	43062	86.76	ug/l	99
12) 1,1-Dichloroethene	2.355	96	35030	16.59	ug/l	97
13) Acrolein	2.270	56	21407	58.14	ug/l	97
14) Allyl chloride	2.703	41	51180	17.45	ug/l	95
15) Acrylonitrile	3.111	53	101935	90.37	ug/l	99
16) Acetone	2.416	43	93513	100.66	ug/l	97
17) Carbon Disulfide	2.550	76	94347	16.21	ug/l	99
18) Methyl Acetate	2.745	43	44315	18.83	ug/l	99
19) Methyl tert-butyl Ether	3.160	73	120999	17.67	ug/l	99
20) Methylene Chloride	2.831	84	41841	16.67	ug/l	97
21) trans-1,2-Dichloroethene	3.136	96	39587	16.69	ug/l	100
22) Diisopropyl ether	3.818	45	107872	18.21	ug/l	99
23) Vinyl Acetate	3.776	43	458731	90.73	ug/l	99
24) 1,1-Dichloroethane	3.666	63	69624	17.70	ug/l	99
25) 2-Butanone	4.623	43	136761	95.26	ug/l	99
26) 2,2-Dichloropropane	4.544	77	62606	17.11	ug/l	100
27) cis-1,2-Dichloroethene	4.556	96	45489	17.19	ug/l	97
28) Bromochloromethane	4.971	49	31821	19.86	ug/l	95
29) Tetrahydrofuran	5.080	42	80086	91.58	ug/l	96
30) Chloroform	5.172	83	77472	17.61	ug/l	100
31) Cyclohexane	5.544	56	55434	17.76	ug/l	95
32) 1,1,1-Trichloroethane	5.458	97	68629	17.35	ug/l	99
36) 1,1-Dichloropropene	5.763	75	54875	16.80	ug/l	99
37) Ethyl Acetate	4.782	43	49625	16.72	ug/l	99
38) Carbon Tetrachloride	5.745	117	60094	15.76	ug/l	99
39) Methylcyclohexane	7.440	83	62880	16.85	ug/l	97
40) Benzene	6.111	78	162879	16.59	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020634.D
 Acq On : 15 Jan 2021 16:31
 Operator : JC/MD
 Sample : VX0115WBS04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS04

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 4:22:11 PM

Quant Time: Jan 16 00:55:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.989	41	26247	16.90	ug/l	92
42) 1,2-Dichloroethane	6.159	62	60838	17.38	ug/l	99
43) Isopropyl Acetate	6.403	43	79474	17.28	ug/l	99
44) Trichloroethene	7.184	130	45283	15.52	ug/l	98
45) 1,2-Dichloropropane	7.482	63	40217	16.70	ug/l	98
46) Dibromomethane	7.635	93	30262	16.55	ug/l	95
47) Bromodichloromethane	7.872	83	60552	16.22	ug/l	96
48) Methyl methacrylate	7.744	41	39291	17.57	ug/l	97
49) 1,4-Dioxane	7.708	88	19068	338.26	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	255536	89.56	ug/l	99
52) Toluene	8.763	92	103390	16.56	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	62268	16.38	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	67579	16.60	ug/l	99
55) 1,1,2-Trichloroethane	9.195	97	41640	15.78	ug/l	99
56) Ethyl methacrylate	9.153	69	57259	16.74	ug/l	98
57) 1,3-Dichloropropane	9.348	76	70593	16.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	158835	91.66	ug/l	98
59) 2-Hexanone	9.470	43	198992	93.03	ug/l	98
60) Dibromochloromethane	9.561	129	49827	16.72	ug/l	99
61) 1,2-Dibromoethane	9.653	107	50677	18.01	ug/l	100
64) Tetrachloroethene	9.317	164	43659	13.42	ug/l	96
65) Chlorobenzene	10.116	112	124172	16.38	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	48111	16.63	ug/l	98
67) Ethyl Benzene	10.232	91	222440	17.82	ug/l	99
68) m/p-Xylenes	10.342	106	167159	34.75	ug/l	99
69) o-Xylene	10.683	106	77704	17.54	ug/l	97
70) Styrene	10.695	104	134516	17.78	ug/l	100
71) Bromoform	10.841	173	35607	15.16	ug/l #	98
73) Isopropylbenzene	11.000	105	216052	18.22	ug/l	100
74) N-amyl acetate	10.878	43	72560	18.14	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	71596	18.54	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	70329m	18.98	ug/l	
77) Bromobenzene	11.238	156	52667	16.58	ug/l	97
78) n-propylbenzene	11.341	91	244655	18.67	ug/l	100
79) 2-Chlorotoluene	11.402	91	147915	18.29	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	182856	18.40	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	22571	16.60	ug/l	98
82) 4-Chlorotoluene	11.494	91	178070	18.56	ug/l	98
83) tert-Butylbenzene	11.750	119	172730	18.10	ug/l	97
84) 1,2,4-Trimethylbenzene	11.786	105	187181	18.84	ug/l	99
85) sec-Butylbenzene	11.927	105	204795	18.39	ug/l	100
86) p-Isopropyltoluene	12.049	119	192198	18.58	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	95807	16.50	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	95585	16.06	ug/l	96
89) n-Butylbenzene	12.372	91	161257	18.02	ug/l	98
90) Hexachloroethane	12.579	117	31992	16.40	ug/l	91
91) 1,2-Dichlorobenzene	12.372	146	92953	16.21	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	15540	17.14	ug/l	91
93) 1,2,4-Trichlorobenzene	13.628	180	56445	14.77	ug/l	96
94) Hexachlorobutadiene	13.762	225	27388	14.66	ug/l	95
95) Naphthalene	13.817	128	186274	17.06	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	59163	15.22	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
Data File : VX020634.D
Acq On : 15 Jan 2021 16:31
Operator : JC/MD
Sample : VX0115WBS04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBS04

Manual Integrations
APPROVED

MMDadoda
1/18/2021 4:22:11 PM

Quant Time: Jan 16 00:55:37 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

