

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
 Data File : VX020867.D
 Acq On : 05 Feb 2021 13:13
 Operator : JC/MD
 Sample : VX0205WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/8/2021 11:33:48 AM

Quant Time: Feb 06 01:04:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	288240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	447491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	428983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	219487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.025	65	180957	46.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.06%
35) Dibromofluoromethane	5.458	113	154174	50.30	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.60%
50) Toluene-d8	8.696	98	549636	48.91	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.82%
62) 4-Bromofluorobenzene	11.116	95	214525	49.16	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.32%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	81808	18.72	ug/l	100
3) Chloromethane	1.313	50	72069	17.77	ug/l	100
4) Vinyl Chloride	1.392	62	72703	17.98	ug/l	99
5) Bromomethane	1.624	94	44596	22.96	ug/l	95
6) Chloroethane	1.709	64	44254	19.34	ug/l	97
7) Trichlorofluoromethane	1.916	101	109827	20.03	ug/l	97
8) Diethyl Ether	2.166	74	39396	20.02	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.361	101	55948	19.99	ug/l	98
10) Methyl Iodide	2.489	142	68730	17.51	ug/l	93
11) Tert butyl alcohol	3.008	59	73653	100.35	ug/l	100
12) 1,1-Dichloroethene	2.355	96	54066	19.53	ug/l	96
13) Acrolein	2.270	56	50970	92.08	ug/l	98
14) Allyl chloride	2.703	41	91087	17.67	ug/l	96
15) Acrylonitrile	3.111	53	181604	97.76	ug/l	99
16) Acetone	2.416	43	131080	87.93	ug/l	99
17) Carbon Disulfide	2.550	76	155141	17.98	ug/l	100
18) Methyl Acetate	2.746	43	78697	20.66	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	207395	20.03	ug/l	98
20) Methylene Chloride	2.831	84	72189	19.19	ug/l	97
21) trans-1,2-Dichloroethene	3.136	96	65304	18.89	ug/l	97
22) Diisopropyl ether	3.818	45	193425	19.09	ug/l	97
23) Vinyl Acetate	3.782	43	790336	94.81	ug/l	99
24) 1,1-Dichloroethane	3.666	63	117444	19.18	ug/l	98
25) 2-Butanone	4.629	43	217957	93.35	ug/l	99
26) 2,2-Dichloropropane	4.544	77	94255	19.18	ug/l	100
27) cis-1,2-Dichloroethene	4.556	96	72798	19.20	ug/l	98
28) Bromochloromethane	4.971	49	42411	16.15	ug/l	96
29) Tetrahydrofuran	5.087	42	139517	92.78	ug/l	99
30) Chloroform	5.172	83	124531	19.78	ug/l	96
31) Cyclohexane	5.538	56	91455	17.30	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	110007	19.85	ug/l	98
36) 1,1-Dichloropropene	5.763	75	86769	19.32	ug/l	99
37) Ethyl Acetate	4.788	43	83000	19.49	ug/l	100
38) Carbon Tetrachloride	5.751	117	99642	21.10	ug/l	94
39) Methylcyclohexane	7.434	83	94951	18.55	ug/l	97
40) Benzene	6.105	78	267537	20.23	ug/l	100
41) Methacrylonitrile	4.995	41	45591	19.13	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.153	62	97521	20.67	ug/l	100
43) Isopropyl Acetate	6.403	43	127882	18.84	ug/l	99
44) Trichloroethene	7.184	130	72011	20.46	ug/l	98
45) 1,2-Dichloropropane	7.482	63	67621	19.61	ug/l	99
46) Dibromomethane	7.635	93	48846	21.11	ug/l	100
47) Bromodichloromethane	7.873	83	100843	20.63	ug/l	99
48) Methyl methacrylate	7.745	41	64427	18.79	ug/l	97
49) 1,4-Dioxane	7.714	88	33405	415.27	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	422862	98.71	ug/l	100
52) Toluene	8.763	92	170392	20.49	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	102754	19.97	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	113498	20.46	ug/l	95
55) 1,1,2-Trichloroethane	9.196	97	73450	21.27	ug/l	95
56) Ethyl methacrylate	9.159	69	94533	18.94	ug/l	98
57) 1,3-Dichloropropane	9.348	76	121083	20.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	220894	92.45	ug/l	100
59) 2-Hexanone	9.470	43	320260	100.42	ug/l	99
60) Dibromochloromethane	9.561	129	80215	21.01	ug/l	99
61) 1,2-Dibromoethane	9.653	107	75322	21.07	ug/l	100
64) Tetrachloroethene	9.311	164	72202	21.95	ug/l	96
65) Chlorobenzene	10.116	112	184815	19.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	72451	21.03	ug/l	99
67) Ethyl Benzene	10.232	91	315516	19.61	ug/l	100
68) m/p-Xylenes	10.342	106	243442	40.57	ug/l	99
69) o-Xylene	10.683	106	112821	19.99	ug/l	97
70) Styrene	10.695	104	198079	20.44	ug/l	99
71) Bromoform	10.842	173	58408	21.12	ug/l #	100
73) Isopropylbenzene	11.000	105	319304	20.13	ug/l	100
74) N-ethyl acetate	10.878	43	106712	17.35	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.250	83	110005	20.58	ug/l	100
76) 1,2,3-Trichloropropane	11.281	75	107344m	21.09	ug/l	
77) Bromobenzene	11.238	156	85408	21.27	ug/l	93
78) n-propylbenzene	11.342	91	358664	19.58	ug/l	100
79) 2-Chlorotoluene	11.403	91	223955	20.02	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	278268	20.52	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	33888	18.65	ug/l	99
82) 4-Chlorotoluene	11.494	91	267672	20.22	ug/l	99
83) tert-Butylbenzene	11.756	119	255300	19.50	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	283467	20.73	ug/l	98
85) sec-Butylbenzene	11.927	105	301439	19.92	ug/l	100
86) p-Isopropyltoluene	12.049	119	287635	20.48	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	148585	20.31	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	151188	19.90	ug/l	98
89) n-Butylbenzene	12.372	91	232147	18.45	ug/l	98
90) Hexachloroethane	12.579	117	49737	19.67	ug/l	98
91) 1,2-Dichlorobenzene	12.378	146	149249	21.17	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.981	75	21839	18.43	ug/l	97
93) 1,2,4-Trichlorobenzene	13.628	180	87819	19.21	ug/l	98
94) Hexachlorobutadiene	13.768	225	41937	19.46	ug/l	97
95) Naphthalene	13.817	128	276094	18.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	90384	20.30	ug/l	99

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