

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020642.D
 Acq On : 15 Jan 2021 19:41
 Operator : JC/MD
 Sample : VX0115WBS05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBS05

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 4:22:16 PM

Quant Time: Jan 16 00:58:12 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	5.629	168	185352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	300784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	307086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	147835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	123176	55.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.66%			
35) Dibromofluoromethane	5.464	113	101497	48.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.40%			
50) Toluene-d8	8.696	98	364430	48.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.74%			
62) 4-Bromofluorobenzene	11.122	95	144236	54.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.54%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	36331	19.87	ug/l	99
3) Chloromethane	1.313	50	35174	20.79	ug/l	99
4) Vinyl Chloride	1.392	62	41117	21.19	ug/l	100
5) Bromomethane	1.630	94	29378	22.42	ug/l	97
6) Chloroethane	1.709	64	26926	20.79	ug/l	100
7) Trichlorofluoromethane	1.916	101	67054	20.87	ug/l	98
8) Diethyl Ether	2.166	74	24008	20.97	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.367	101	36947	20.49	ug/l	99
10) Methyl Iodide	2.489	142	46248	18.39	ug/l	93
11) Tert butyl alcohol	3.014	59	40887	98.60	ug/l	99
12) 1,1-Dichloroethene	2.355	96	35608	20.12	ug/l	98
13) Acrolein	2.270	56	23110	74.89	ug/l	99
14) Allyl chloride	2.709	41	49966	20.32	ug/l	92
15) Acrylonitrile	3.111	53	105184	111.27	ug/l	99
16) Acetone	2.416	43	85610	110.33	ug/l	95
17) Carbon Disulfide	2.550	76	93435	19.15	ug/l	100
18) Methyl Acetate	2.745	43	45481	23.06	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	121924	21.24	ug/l	98
20) Methylene Chloride	2.831	84	42801	20.35	ug/l	99
21) trans-1,2-Dichloroethene	3.142	96	39986	20.12	ug/l	99
22) Diisopropyl ether	3.818	45	111295	22.42	ug/l	93
23) Vinyl Acetate	3.782	43	468011	110.46	ug/l	100
24) 1,1-Dichloroethane	3.672	63	71537	21.70	ug/l	100
25) 2-Butanone	4.629	43	133100	110.62	ug/l	98
26) 2,2-Dichloropropane	4.550	77	59992	19.56	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	45969	20.72	ug/l	96
28) Bromochloromethane	4.977	49	28537	21.26	ug/l	96
29) Tetrahydrofuran	5.086	42	83923	114.51	ug/l	97
30) Chloroform	5.172	83	78452	21.28	ug/l	99
31) Cyclohexane	5.550	56	54795	20.95	ug/l	92
32) 1,1,1-Trichloroethane	5.464	97	70016	21.11	ug/l	98
36) 1,1-Dichloropropene	5.769	75	54131	19.70	ug/l	99
37) Ethyl Acetate	4.788	43	52375	20.98	ug/l	99
38) Carbon Tetrachloride	5.751	117	61045	19.04	ug/l	99
39) Methylcyclohexane	7.440	83	57317	18.26	ug/l	96
40) Benzene	6.111	78	164812	19.95	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	28211	21.59	ug/l	99
42) 1,2-Dichloroethane	6.159	62	61587	20.91	ug/l	98
43) Isopropyl Acetate	6.409	43	80323	20.75	ug/l	99
44) Trichloroethene	7.190	130	44514	18.14	ug/l	96
45) 1,2-Dichloropropane	7.489	63	41111	20.29	ug/l	98
46) Dibromomethane	7.635	93	30596	19.89	ug/l	95
47) Bromodichloromethane	7.873	83	61504	19.58	ug/l	97
48) Methyl methacrylate	7.745	41	39697	21.10	ug/l	96
49) 1,4-Dioxane	7.720	88	19816	417.84	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	262833	109.50	ug/l	99
52) Toluene	8.763	92	102878	19.59	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	61066	19.10	ug/l	98
54) cis-1,3-Dichloropropene	8.415	75	67337	19.66	ug/l	98
55) 1,1,2-Trichloroethane	9.195	97	43783	19.73	ug/l	97
56) Ethyl methacrylate	9.159	69	56097	19.50	ug/l	97
57) 1,3-Dichloropropane	9.348	76	80320	22.27	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	147324	100.59	ug/l	97
59) 2-Hexanone	9.470	43	224651	124.84	ug/l	98
60) Dibromochloromethane	9.561	129	52568	20.97	ug/l	99
61) 1,2-Dibromoethane	9.653	107	50440	21.30	ug/l	99
64) Tetrachloroethene	9.317	164	46648	16.82	ug/l #	88
65) Chlorobenzene	10.122	112	121966	18.87	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.201	131	45733	18.54	ug/l	100
67) Ethyl Benzene	10.232	91	211913	19.92	ug/l	100
68) m/p-Xylenes	10.342	106	160326	39.10	ug/l	99
69) o-Xylene	10.683	106	75348	19.94	ug/l	99
70) Styrene	10.695	104	126399	19.60	ug/l	98
71) Bromoform	10.842	173	34540	17.25	ug/l #	99
73) Isopropylbenzene	11.000	105	207467	20.81	ug/l	99
74) N-amyl acetate	10.878	43	68153	20.13	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	71313	21.97	ug/l	100
76) 1,2,3-Trichloropropane	11.281	75	68606m	22.03	ug/l	
77) Bromobenzene	11.238	156	50941	19.08	ug/l	98
78) n-propylbenzene	11.341	91	240047	21.79	ug/l	100
79) 2-Chlorotoluene	11.402	91	149451	21.99	ug/l	100
80) 1,3,5-Trimethylbenzene	11.488	105	182109	21.80	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	21381	18.71	ug/l	97
82) 4-Chlorotoluene	11.494	91	173793	21.55	ug/l	100
83) tert-Butylbenzene	11.756	119	169635	21.15	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	183943	22.03	ug/l	100
85) sec-Butylbenzene	11.927	105	193104	20.63	ug/l	100
86) p-Isopropyltoluene	12.049	119	180336	20.74	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	90477	18.54	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	93263	18.64	ug/l	96
89) n-Butylbenzene	12.372	91	145353	19.32	ug/l	99
90) Hexachloroethane	12.579	117	30424	18.55	ug/l	92
91) 1,2-Dichlorobenzene	12.372	146	89482	18.57	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	16348	21.45	ug/l	89
93) 1,2,4-Trichlorobenzene	13.628	180	56804	17.68	ug/l	99
94) Hexachlorobutadiene	13.762	225	22927	14.60	ug/l	97
95) Naphthalene	13.817	128	185968	19.54	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	56117	17.18	ug/l	98

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

