

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020643.D
 Acq On : 15 Jan 2021 20:04
 Operator : JC/MD
 Sample : VX0115WBSD05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD05

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 4:22:17 PM

Quant Time: Jan 16 00:58:46 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	177052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	296842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	298245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	148901	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	120391	56.61	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.22%
35) Dibromofluoromethane	5.464	113	99032	48.15	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.30%
50) Toluene-d8	8.696	98	391821	53.24	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.48%
62) 4-Bromofluorobenzene	11.122	95	144804	55.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	36430	20.86	ug/l	99
3) Chloromethane	1.313	50	34240	21.19	ug/l	99
4) Vinyl Chloride	1.392	62	39718	21.43	ug/l	99
5) Bromomethane	1.630	94	28119	22.47	ug/l	100
6) Chloroethane	1.709	64	25934	20.97	ug/l	98
7) Trichlorofluoromethane	1.916	101	64906	21.15	ug/l	100
8) Diethyl Ether	2.166	74	23606	21.59	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.367	101	36331	21.10	ug/l	97
10) Methyl Iodide	2.489	142	47531	19.79	ug/l	93
11) Tert butyl alcohol	3.014	59	43412	109.85	ug/l	99
12) 1,1-Dichloroethene	2.355	96	34862	20.62	ug/l	100
13) Acrolein	2.270	56	22770	77.25	ug/l	98
14) Allyl chloride	2.709	41	50093	21.33	ug/l	94
15) Acrylonitrile	3.111	53	105589	116.93	ug/l	97
16) Acetone	2.416	43	87462	118.28	ug/l	96
17) Carbon Disulfide	2.550	76	92350	19.82	ug/l	98
18) Methyl Acetate	2.745	43	45884	24.35	ug/l	97
19) Methyl tert-butyl Ether	3.166	73	123623	22.55	ug/l	98
20) Methylene Chloride	2.831	84	41605	20.71	ug/l	99
21) trans-1,2-Dichloroethene	3.142	96	39938	21.03	ug/l	96
22) Diisopropyl ether	3.824	45	109456	23.08	ug/l	93
23) Vinyl Acetate	3.782	43	470426	116.23	ug/l	100
24) 1,1-Dichloroethane	3.666	63	69957	22.21	ug/l	99
25) 2-Butanone	4.629	43	134761	117.25	ug/l	98
26) 2,2-Dichloropropane	4.550	77	58325	19.91	ug/l	97
27) cis-1,2-Dichloroethene	4.562	96	45429	21.44	ug/l	96
28) Bromochloromethane	4.977	49	27775	21.66	ug/l	94
29) Tetrahydrofuran	5.086	42	84843	121.19	ug/l	97
30) Chloroform	5.178	83	74989	21.29	ug/l	100
31) Cyclohexane	5.550	56	53904	21.57	ug/l	96
32) 1,1,1-Trichloroethane	5.464	97	67390	21.28	ug/l	99
36) 1,1-Dichloropropene	5.769	75	53432	19.70	ug/l	99
37) Ethyl Acetate	4.788	43	51498	20.90	ug/l	99
38) Carbon Tetrachloride	5.751	117	59417	18.77	ug/l	97
39) Methylcyclohexane	7.440	83	56772	18.33	ug/l	98
40) Benzene	6.111	78	159868	19.61	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	27926	21.66	ug/l	96
42) 1,2-Dichloroethane	6.159	62	59872	20.60	ug/l	98
43) Isopropyl Acetate	6.409	43	81755	21.40	ug/l	98
44) Trichloroethene	7.184	130	44563	18.40	ug/l	100
45) 1,2-Dichloropropane	7.488	63	41023	20.51	ug/l	98
46) Dibromomethane	7.635	93	30591	20.15	ug/l	96
47) Bromodichloromethane	7.872	83	60220	19.43	ug/l	98
48) Methyl methacrylate	7.744	41	40474	21.80	ug/l	98
49) 1,4-Dioxane	7.720	88	19304	412.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.616	43	297822	125.72	ug/l	99
52) Toluene	8.763	92	112892	21.78	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	68563	21.72	ug/l	99
54) cis-1,3-Dichloropropene	8.415	75	66588	19.70	ug/l	100
55) 1,1,2-Trichloroethane	9.195	97	47498	21.69	ug/l	99
56) Ethyl methacrylate	9.159	69	64394	22.68	ug/l	98
57) 1,3-Dichloropropane	9.348	76	79895	22.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	146278	101.18	ug/l	97
59) 2-Hexanone	9.470	43	226925	127.78	ug/l	98
60) Dibromochloromethane	9.561	129	49450	19.99	ug/l	97
61) 1,2-Dibromoethane	9.653	107	50441	21.59	ug/l	99
64) Tetrachloroethene	9.317	164	47221	17.53	ug/l	91
65) Chlorobenzene	10.122	112	122566	19.53	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	45853	19.14	ug/l	99
67) Ethyl Benzene	10.232	91	207381	20.07	ug/l	99
68) m/p-Xylenes	10.342	106	157397	39.52	ug/l	100
69) o-Xylene	10.683	106	74046	20.18	ug/l	99
70) Styrene	10.695	104	129928	20.75	ug/l	99
71) Bromoform	10.841	173	35035	18.02	ug/l #	99
73) Isopropylbenzene	11.000	105	206962	20.61	ug/l	100
74) N-amyl acetate	10.878	43	70000	20.50	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	72083	22.05	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	69723m	22.23	ug/l	
77) Bromobenzene	11.238	156	49710	18.48	ug/l	97
78) n-propylbenzene	11.341	91	232727	20.97	ug/l	99
79) 2-Chlorotoluene	11.402	91	139486	20.37	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	172391	20.49	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.055	75	22287	19.36	ug/l	98
82) 4-Chlorotoluene	11.494	91	168004	20.68	ug/l	98
83) tert-Butylbenzene	11.750	119	158420	19.61	ug/l	95
84) 1,2,4-Trimethylbenzene	11.793	105	178539	21.23	ug/l	99
85) sec-Butylbenzene	11.927	105	195754	20.76	ug/l	99
86) p-Isopropyltoluene	12.049	119	175173	20.01	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	92436	18.80	ug/l	97
88) 1,4-Dichlorobenzene	12.079	146	94038	18.66	ug/l	98
89) n-Butylbenzene	12.372	91	144600	19.08	ug/l	99
90) Hexachloroethane	12.579	117	29648	17.95	ug/l	90
91) 1,2-Dichlorobenzene	12.372	146	90567	18.66	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	16113	20.99	ug/l	93
93) 1,2,4-Trichlorobenzene	13.628	180	56120	17.34	ug/l	98
94) Hexachlorobutadiene	13.762	225	22690	14.36	ug/l	96
95) Naphthalene	13.817	128	186441	19.47	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	57334	17.42	ug/l	99

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

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