

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024669.D
 Acq On : 08 Oct 2021 14:49
 Operator : JC/MD
 Sample : VX1008WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/13/2021 2:42:52 PM

Quant Time: Oct 08 16:29:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	136184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93650	48.793	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.580%
35) Dibromofluoromethane	5.385	113	69833	50.585	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.180%
50) Toluene-d8	8.653	98	250071	49.217	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.440%
62) 4-Bromofluorobenzene	11.085	95	99107	49.609	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28217	20.591	ug/l	99
3) Chloromethane	1.294	50	22628	17.518	ug/l	99
4) Vinyl Chloride	1.374	62	24720	18.295	ug/l	97
5) Bromomethane	1.599	94	18407	20.241	ug/l	99
6) Chloroethane	1.685	64	15132	16.986	ug/l	95
7) Trichlorofluoromethane	1.886	101	41449	17.384	ug/l	96
8) Diethyl Ether	2.136	74	14549	17.927	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	24592	18.290	ug/l	99
10) Methyl Iodide	2.453	142	28677	15.243	ug/l	93
11) Tert butyl alcohol	2.971	59	34666	68.689	ug/l	99
12) 1,1-Dichloroethene	2.319	96	22660	18.152	ug/l	97
13) Acrolein	2.239	56	15906	157.119	ug/l	99
14) Allyl chloride	2.666	41	39216	17.182	ug/l	88
15) Acrylonitrile	3.068	53	72763	83.448	ug/l	97
16) Acetone	2.386	43	88447	103.266	ug/l	92
17) Carbon Disulfide	2.508	76	53653	16.824	ug/l	99
18) Methyl Acetate	2.709	43	49174	17.110	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	82816	17.603	ug/l	98
20) Methylene Chloride	2.788	84	27725	18.587	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	24659	17.395	ug/l	98
22) Diisopropyl ether	3.770	45	79977	17.151	ug/l	98
23) Vinyl Acetate	3.727	43	338475	89.638	ug/l	96
24) 1,1-Dichloroethane	3.611	63	44503	17.189	ug/l	100
25) 2-Butanone	4.562	43	128526	97.234	ug/l	94
26) 2,2-Dichloropropane	4.471	77	39517	16.967	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	28653	17.294	ug/l	98
28) Bromochloromethane	4.897	49	21126	17.975	ug/l	99
29) Tetrahydrofuran	5.013	42	70897	84.176	ug/l	91
30) Chloroform	5.099	83	48211	16.861	ug/l	93
31) Cyclohexane	5.477	56	38513	16.757	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	44574	17.559	ug/l	97
36) 1,1-Dichloropropene	5.696	75	34914	17.526	ug/l	100
37) Ethyl Acetate	4.721	43	41929	16.858	ug/l	94
38) Carbon Tetrachloride	5.678	117	38383	17.700	ug/l	98
39) Methylcyclohexane	7.385	83	43183	18.513	ug/l	93
40) Benzene	6.043	78	102303	17.959	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	21766	16.946	ug/l	92
42) 1,2-Dichloroethane	6.092	62	44599	18.643	ug/l	94
43) Isopropyl Acetate	6.348	43	68009	17.986	ug/l	92
44) Trichloroethene	7.129	130	29411	18.765	ug/l	100
45) 1,2-Dichloropropane	7.433	63	26791	18.230	ug/l	99
46) Dibromomethane	7.586	93	19544	17.734	ug/l	98
47) Bromodichloromethane	7.824	83	36053	17.850	ug/l	98
48) Methyl methacrylate	7.696	41	36221	19.345	ug/l	86
49) 1,4-Dioxane	7.665	88	14797	345.036	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	247835	99.281	ug/l	90
52) Toluene	8.720	92	66713	18.130	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	40009	17.477	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	42086	18.081	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	28893	18.989	ug/l	99
56) Ethyl methacrylate	9.116	69	38677	15.971	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	46176	17.986	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	120246	100.591	ug/l	98
59) 2-Hexanone	9.433	43	193810	98.586	ug/l	88
60) Dibromochloromethane	9.525	129	28149	17.104	ug/l	98
61) 1,2-Dibromoethane	9.610	107	30625	18.334	ug/l	100
64) Tetrachloroethene	9.275	164	27488	20.423	ug/l	95
65) Chlorobenzene	10.079	112	73845	18.228	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	27457	18.185	ug/l	99
67) Ethyl Benzene	10.195	91	130414	18.185	ug/l	98
68) m/p-Xylenes	10.305	106	100147	36.417	ug/l	99
69) o-Xylene	10.646	106	48271	17.751	ug/l	100
70) Styrene	10.659	104	74806	16.451	ug/l	95
71) Bromoform	10.805	173	19895	16.738	ug/l #	99
73) Isopropylbenzene	10.963	105	131027	18.274	ug/l	100
74) N-amyl acetate	10.848	43	55575	16.851	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	44262	17.456	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	41275m	17.920	ug/l	
77) Bromobenzene	11.201	156	33321	18.060	ug/l	96
78) n-propylbenzene	11.305	91	146118	17.433	ug/l	99
79) 2-Chlorotoluene	11.366	91	89862	17.600	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	113586	18.544	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12630	16.464	ug/l #	85
82) 4-Chlorotoluene	11.457	91	106021	17.648	ug/l	99
83) tert-Butylbenzene	11.719	119	107945	17.578	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	114424	18.788	ug/l	97
85) sec-Butylbenzene	11.890	105	126669	16.767	ug/l	99
86) p-Isopropyltoluene	12.012	119	117177	18.189	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	60232	17.142	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	60726	16.731	ug/l	97
89) n-Butylbenzene	12.335	91	101180	17.738	ug/l	97
90) Hexachloroethane	12.542	117	16957	16.007	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	59077	17.007	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10231	16.711	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	38544	17.428	ug/l	98
94) Hexachlorobutadiene	13.725	225	17770	17.565	ug/l	98
95) Naphthalene	13.780	128	124339	17.565	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	38308	16.904	ug/l	99

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

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