

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023563.D
 Acq On : 05 Aug 2021 11:27
 Operator : JC/MD
 Sample : VX0805WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:41:08 PM

Quant Time: Aug 06 03:21:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	213799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	333634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	137087	51.402	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.800%			
35) Dibromofluoromethane	5.391	113	108775	52.145	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.280%			
50) Toluene-d8	8.653	98	404927	52.834	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.660%			
62) 4-Bromofluorobenzene	11.085	95	150351	57.692	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38886	19.770	ug/l	100
3) Chloromethane	1.294	50	44698	19.508	ug/l	98
4) Vinyl Chloride	1.374	62	43740	18.858	ug/l	98
5) Bromomethane	1.599	94	31549	22.911	ug/l	99
6) Chloroethane	1.685	64	28336	19.906	ug/l	97
7) Trichlorofluoromethane	1.886	101	73227	19.596	ug/l	99
8) Diethyl Ether	2.136	74	26739	19.387	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	42332	19.996	ug/l	94
10) Methyl Iodide	2.453	142	49803	18.776	ug/l	96
11) Tert butyl alcohol	2.977	59	57308	94.064	ug/l	98
12) 1,1-Dichloroethene	2.319	96	39632	18.866	ug/l	98
13) Acrolein	2.239	56	27621	90.059	ug/l	93
14) Allyl chloride	2.666	41	71177	18.636	ug/l	92
15) Acrylonitrile	3.069	53	133141	96.777	ug/l	97
16) Acetone	2.386	43	126815	96.935	ug/l	94
17) Carbon Disulfide	2.514	76	84213	16.257	ug/l	98
18) Methyl Acetate	2.709	43	61440	19.756	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	141440	19.364	ug/l	99
20) Methylene Chloride	2.794	84	47845	18.801	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	42141	18.884	ug/l	91
22) Diisopropyl ether	3.770	45	147262	19.533	ug/l	97
23) Vinyl Acetate	3.727	43	647649	97.312	ug/l	94
24) 1,1-Dichloroethane	3.617	63	80973	19.540	ug/l	97
25) 2-Butanone	4.562	43	196734	96.864	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	65490	19.323	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	50826	19.611	ug/l	98
28) Bromochloromethane	4.904	49	36143	18.689	ug/l	94
29) Tetrahydrofuran	5.013	42	126082	94.707	ug/l	88
30) Chloroform	5.099	83	84526	19.929	ug/l	97
31) Cyclohexane	5.483	56	72152	18.263	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	71512	19.728	ug/l	97
36) 1,1-Dichloropropene	5.696	75	60805	20.147	ug/l	99
37) Ethyl Acetate	4.727	43	73622	19.347	ug/l	94
38) Carbon Tetrachloride	5.684	117	61468	20.027	ug/l	99
39) Methylcyclohexane	7.385	83	76372	20.037	ug/l	98
40) Benzene	6.044	78	180084	20.125	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	39325	19.572	ug/l	93
42) 1,2-Dichloroethane	6.098	62	69707	21.068	ug/l	96
43) Isopropyl Acetate	6.348	43	116305	19.724	ug/l	93
44) Trichloroethene	7.129	130	48730	19.822	ug/l	98
45) 1,2-Dichloropropane	7.434	63	48579	20.515	ug/l	98
46) Dibromomethane	7.586	93	32646	20.325	ug/l	98
47) Bromodichloromethane	7.824	83	59212	20.462	ug/l	99
48) Methyl methacrylate	7.696	41	56038	20.520	ug/l	87
49) 1,4-Dioxane	7.665	88	24533	421.884	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	388509	107.721	ug/l	91
52) Toluene	8.720	92	117996	21.284	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	65614	19.045	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	71867	19.923	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	49510	22.054	ug/l	98
56) Ethyl methacrylate	9.122	69	74741	20.770	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	81356	21.327	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	170567	89.476	ug/l	97
59) 2-Hexanone	9.433	43	303188	110.702	ug/l	87
60) Dibromochloromethane	9.525	129	46234	19.828	ug/l	100
61) 1,2-Dibromoethane	9.610	107	50645	21.145	ug/l	98
64) Tetrachloroethene	9.275	164	48687	19.384	ug/l	95
65) Chlorobenzene	10.079	112	131158	20.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	47073	19.570	ug/l	98
67) Ethyl Benzene	10.195	91	225399	20.119	ug/l	100
68) m/p-Xylenes	10.305	106	173743	40.325	ug/l	99
69) o-Xylene	10.646	106	85625	20.045	ug/l	97
70) Styrene	10.659	104	141868	20.961	ug/l	99
71) Bromoform	10.805	173	31857	18.743	ug/l #	99
73) Isopropylbenzene	10.963	105	225950	20.559	ug/l	99
74) N-amyl acetate	10.848	43	101045	20.153	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	73440	20.514	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	69840m	21.791	ug/l	
77) Bromobenzene	11.201	156	55928	21.096	ug/l	95
78) n-propylbenzene	11.305	91	255667	20.555	ug/l	98
79) 2-Chlorotoluene	11.366	91	155175	20.878	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	186933	20.886	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	21823	18.309	ug/l	87
82) 4-Chlorotoluene	11.457	91	171946	20.449	ug/l	99
83) tert-Butylbenzene	11.719	119	185212	21.097	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	187774	21.092	ug/l	99
85) sec-Butylbenzene	11.896	105	235830	20.717	ug/l	100
86) p-Isopropyltoluene	12.012	119	192622	20.954	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	98886	20.161	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	98405	19.773	ug/l	98
89) n-Butylbenzene	12.335	91	169679	20.390	ug/l	97
90) Hexachloroethane	12.542	117	29046	18.871	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	95994	20.213	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13713	17.239	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	58452	19.590	ug/l	98
94) Hexachlorobutadiene	13.725	225	26926	20.109	ug/l	99
95) Naphthalene	13.780	128	195784	19.085	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	59038	19.594	ug/l	99

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

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