

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023389.D
 Acq On : 22 Jul 2021 22:08
 Operator : JC/MD
 Sample : VX0722WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:14:21 PM

Quant Time: Jul 23 06:10:28 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	5.562	168	213763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	348638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	136884	51.335	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.660%			
35) Dibromofluoromethane	5.397	113	110856	50.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	8.653	98	408940	51.061	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.120%			
62) 4-Bromofluorobenzene	11.085	95	137673	50.553	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	38484	19.569	ug/l	99
3) Chloromethane	1.294	50	43910	19.167	ug/l	99
4) Vinyl Chloride	1.374	62	44502	19.190	ug/l	99
5) Bromomethane	1.599	94	32031	23.265	ug/l	99
6) Chloroethane	1.685	64	28972	20.356	ug/l	100
7) Trichlorofluoromethane	1.886	101	71388	19.107	ug/l	100
8) Diethyl Ether	2.142	74	26718	19.375	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	40459	19.114	ug/l	95
10) Methyl Iodide	2.453	142	44955	16.952	ug/l	97
11) Tert butyl alcohol	2.977	59	61575	101.085	ug/l	100
12) 1,1-Dichloroethene	2.319	96	40069	19.077	ug/l	96
13) Acrolein	2.239	56	31408	102.236	ug/l	97
14) Allyl chloride	2.666	41	70384	18.432	ug/l	93
15) Acrylonitrile	3.075	53	136397	99.160	ug/l	99
16) Acetone	2.386	43	122047	93.306	ug/l	94
17) Carbon Disulfide	2.514	76	88607	17.108	ug/l	100
18) Methyl Acetate	2.715	43	61708	19.845	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	142193	19.470	ug/l	99
20) Methylene Chloride	2.794	84	48119	18.912	ug/l #	91
21) trans-1,2-Dichloroethene	3.099	96	42177	18.903	ug/l	98
22) Diisopropyl ether	3.776	45	148944	19.759	ug/l	94
23) Vinyl Acetate	3.733	43	649322	97.580	ug/l	95
24) 1,1-Dichloroethane	3.617	63	80016	19.313	ug/l	98
25) 2-Butanone	4.568	43	196820	96.923	ug/l	92
26) 2,2-Dichloropropane	4.483	77	55411	16.352	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	49761	19.204	ug/l	99
28) Bromochloromethane	4.910	49	35713	18.470	ug/l	93
29) Tetrahydrofuran	5.019	42	131334	98.669	ug/l	89
30) Chloroform	5.105	83	82802	19.526	ug/l	97
31) Cyclohexane	5.477	56	73099	18.506	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	69793	19.257	ug/l	98
36) 1,1-Dichloropropene	5.696	75	59469	18.856	ug/l	99
37) Ethyl Acetate	4.727	43	74602	18.761	ug/l #	95
38) Carbon Tetrachloride	5.684	117	60035	18.718	ug/l	99
39) Methylcyclohexane	7.385	83	74515	18.709	ug/l	97
40) Benzene	6.050	78	180689	19.323	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	39794	18.953	ug/l	93
42) 1,2-Dichloroethane	6.098	62	67616	19.557	ug/l	95
43) Isopropyl Acetate	6.348	43	118253	19.191	ug/l	93
44) Trichloroethene	7.135	130	50390	19.615	ug/l	94
45) 1,2-Dichloropropane	7.440	63	48190	19.475	ug/l	94
46) Dibromomethane	7.586	93	31761	18.923	ug/l	98
47) Bromodichloromethane	7.830	83	56580	18.711	ug/l	98
48) Methyl methacrylate	7.702	41	56061	19.645	ug/l	89
49) 1,4-Dioxane	7.665	88	23911	393.492	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	384057	101.904	ug/l	90
52) Toluene	8.726	92	113283	19.555	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	62255	17.460	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	70732	18.764	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	47748	20.354	ug/l	96
56) Ethyl methacrylate	9.122	69	72090	19.171	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	77952	19.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	184834	92.787	ug/l	98
59) 2-Hexanone	9.433	43	295612	103.290	ug/l	88
60) Dibromochloromethane	9.525	129	43521	18.058	ug/l	98
61) 1,2-Dibromoethane	9.616	107	48662	19.443	ug/l	98
64) Tetrachloroethene	9.275	164	47516	19.375	ug/l	92
65) Chlorobenzene	10.079	112	119962	19.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43405	18.535	ug/l	99
67) Ethyl Benzene	10.195	91	209185	19.124	ug/l	98
68) m/p-Xylenes	10.305	106	160053	38.046	ug/l	98
69) o-Xylene	10.646	106	78959	18.931	ug/l	97
70) Styrene	10.659	104	128555	19.454	ug/l	100
71) Bromoform	10.805	173	28972	17.699	ug/l #	99
73) Isopropylbenzene	10.963	105	208305	19.582	ug/l	99
74) N-amyl acetate	10.848	43	93839	19.336	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	68773	19.847	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	63007m	20.310	ug/l	
77) Bromobenzene	11.201	156	51259	19.975	ug/l	93
78) n-propylbenzene	11.305	91	229928	19.098	ug/l	99
79) 2-Chlorotoluene	11.366	91	138133	19.201	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	169483	19.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	18899	16.381	ug/l	90
82) 4-Chlorotoluene	11.457	91	156997	19.290	ug/l	100
83) tert-Butylbenzene	11.719	119	163808	19.277	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	168927	19.603	ug/l	98
85) sec-Butylbenzene	11.896	105	208805	18.951	ug/l	99
86) p-Isopropyltoluene	12.012	119	169507	19.051	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	90631	19.090	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	89948	18.672	ug/l	99
89) n-Butylbenzene	12.335	91	143988	17.876	ug/l	99
90) Hexachloroethane	12.542	117	25189	17.105	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	89019	19.365	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13342	17.317	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	53392	18.487	ug/l	97
94) Hexachlorobutadiene	13.725	225	24002	18.519	ug/l	96
95) Naphthalene	13.780	128	190221	19.157	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55487	19.026	ug/l	99

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

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Operator : JC/MD
Sample : VX07222WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
VX0722WBS02

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