

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023415.D
 Acq On : 23 Jul 2021 11:05
 Operator : JC/MD
 Sample : VX0723WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/26/2021 5:21:15 PM

Quant Time: Jul 24 03:43:37 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	220453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	349078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132693	48.253	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.500%		
35) Dibromofluoromethane	5.391	113	106791	48.929	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.860%		
50) Toluene-d8	8.653	98	405970	50.627	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.260%		
62) 4-Bromofluorobenzene	11.085	95	135881	49.833	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	39405	19.429	ug/l	97
3) Chloromethane	1.294	50	42402	17.947	ug/l	99
4) Vinyl Chloride	1.374	62	44118	18.447	ug/l	100
5) Bromomethane	1.599	94	30594	21.547	ug/l	98
6) Chloroethane	1.685	64	28119	19.158	ug/l	98
7) Trichlorofluoromethane	1.886	101	71418	18.535	ug/l	99
8) Diethyl Ether	2.136	74	26260	18.465	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	42713	19.567	ug/l	96
10) Methyl Iodide	2.453	142	44523	16.279	ug/l	98
11) Tert butyl alcohol	2.971	59	57387	91.351	ug/l	98
12) 1,1-Dichloroethene	2.319	96	39695	18.325	ug/l	96
13) Acrolein	2.239	56	32294	101.934	ug/l	98
14) Allyl chloride	2.666	41	70807	17.980	ug/l	95
15) Acrylonitrile	3.068	53	132644	93.505	ug/l	98
16) Acetone	2.386	43	133683	99.100	ug/l	91
17) Carbon Disulfide	2.514	76	89652	16.785	ug/l	99
18) Methyl Acetate	2.709	43	60187	18.769	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	139048	18.462	ug/l	100
20) Methylene Chloride	2.794	84	46778	17.827	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	41998	18.252	ug/l	97
22) Diisopropyl ether	3.770	45	145988	18.779	ug/l	98
23) Vinyl Acetate	3.727	43	642510	93.626	ug/l	94
24) 1,1-Dichloroethane	3.617	63	79916	18.703	ug/l	98
25) 2-Butanone	4.562	43	196407	93.784	ug/l	93
26) 2,2-Dichloropropane	4.477	77	64810	18.545	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	50334	18.835	ug/l	99
28) Bromochloromethane	4.910	49	38654	19.384	ug/l	94
29) Tetrahydrofuran	5.013	42	125413	91.361	ug/l	90
30) Chloroform	5.105	83	81866	18.719	ug/l	95
31) Cyclohexane	5.477	56	74359	18.254	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	70298	18.808	ug/l	98
36) 1,1-Dichloropropene	5.696	75	60041	19.014	ug/l	99
37) Ethyl Acetate	4.727	43	72138	18.118	ug/l	95
38) Carbon Tetrachloride	5.684	117	60040	18.696	ug/l	99
39) Methylcyclohexane	7.385	83	77730	19.491	ug/l	97
40) Benzene	6.044	78	179900	19.215	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	38653	18.386	ug/l	92
42) 1,2-Dichloroethane	6.092	62	66006	19.067	ug/l	97
43) Isopropyl Acetate	6.348	43	115160	18.666	ug/l	94
44) Trichloroethene	7.129	130	49863	19.386	ug/l	96
45) 1,2-Dichloropropane	7.434	63	46380	18.720	ug/l	99
46) Dibromomethane	7.586	93	32550	19.369	ug/l	98
47) Bromodichloromethane	7.830	83	56104	18.530	ug/l	97
48) Methyl methacrylate	7.696	41	54618	19.115	ug/l	88
49) 1,4-Dioxane	7.665	88	24521	403.022	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	376249	99.706	ug/l	90
52) Toluene	8.720	92	111887	19.289	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	64325	17.959	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	70433	18.661	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	46688	19.877	ug/l	99
56) Ethyl methacrylate	9.116	69	72188	19.173	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	77086	19.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	186784	93.648	ug/l	97
59) 2-Hexanone	9.433	43	286878	100.112	ug/l	88
60) Dibromochloromethane	9.525	129	42649	17.716	ug/l	99
61) 1,2-Dibromoethane	9.616	107	49175	19.623	ug/l	98
64) Tetrachloroethene	9.275	164	48497	20.022	ug/l	93
65) Chlorobenzene	10.079	112	120479	19.341	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	43633	18.848	ug/l	98
67) Ethyl Benzene	10.195	91	210784	19.511	ug/l	100
68) m/p-Xylenes	10.305	106	161837	38.950	ug/l	98
69) o-Xylene	10.646	106	78633	19.089	ug/l	96
70) Styrene	10.659	104	128506	19.689	ug/l	99
71) Bromoform	10.805	173	27517	17.155	ug/l #	100
73) Isopropylbenzene	10.963	105	206438	19.752	ug/l	100
74) N-amyl acetate	10.848	43	91124	19.111	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	64834	19.044	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	61159m	20.066	ug/l	
77) Bromobenzene	11.201	156	51077	20.259	ug/l	92
78) n-propylbenzene	11.305	91	235708	19.927	ug/l	99
79) 2-Chlorotoluene	11.366	91	140147	19.828	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	170102	19.985	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	19365	17.084	ug/l	86
82) 4-Chlorotoluene	11.457	91	157308	19.673	ug/l	99
83) tert-Butylbenzene	11.719	119	165673	19.844	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	171234	20.225	ug/l	100
85) sec-Butylbenzene	11.896	105	210746	19.468	ug/l	99
86) p-Isopropyltoluene	12.012	119	174122	19.918	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	90383	19.378	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	89630	18.938	ug/l	97
89) n-Butylbenzene	12.335	91	152040	19.213	ug/l	98
90) Hexachloroethane	12.542	117	24494	16.949	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	87484	19.371	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12648	16.783	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	53186	18.744	ug/l	99
94) Hexachlorobutadiene	13.725	225	24042	18.880	ug/l	99
95) Naphthalene	13.780	128	185048	18.968	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	53865	18.799	ug/l	99

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

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