

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023707.D
 Acq On : 13 Aug 2021 22:54
 Operator : JC/MD
 Sample : VX0813WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/16/2021 5:06:15 PM

Quant Time: Aug 14 05:31:35 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	196555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	318777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143354	58.468	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.940%	
35) Dibromofluoromethane	5.397	113	110748	55.565	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.120%	
50) Toluene-d8	8.653	98	406637	55.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.060%	
62) 4-Bromofluorobenzene	11.085	95	149781	60.152	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 120.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	31880	17.630	ug/l	98
3) Chloromethane	1.294	50	38579	18.314	ug/l	98
4) Vinyl Chloride	1.374	62	38169	17.900	ug/l	98
5) Bromomethane	1.599	94	27177	21.468	ug/l	96
6) Chloroethane	1.678	64	26102	19.946	ug/l	99
7) Trichlorofluoromethane	1.886	101	65713	19.128	ug/l	98
8) Diethyl Ether	2.136	74	24211	19.094	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	37478	19.256	ug/l	98
10) Methyl Iodide	2.453	142	45438	18.634	ug/l	95
11) Tert butyl alcohol	2.977	59	58059	103.658	ug/l	99
12) 1,1-Dichloroethene	2.319	96	35439	18.350	ug/l	95
13) Acrolein	2.245	56	21865	77.735	ug/l	98
14) Allyl chloride	2.666	41	63001	17.943	ug/l	91
15) Acrylonitrile	3.075	53	129555	102.432	ug/l	97
16) Acetone	2.392	43	119822	99.625	ug/l	91
17) Carbon Disulfide	2.514	76	67628	14.201	ug/l	98
18) Methyl Acetate	2.715	43	62663	21.917	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	133138	19.826	ug/l	98
20) Methylene Chloride	2.794	84	44532	19.035	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	37884	18.465	ug/l	96
22) Diisopropyl ether	3.770	45	140837	20.319	ug/l #	92
23) Vinyl Acetate	3.733	43	603745	98.673	ug/l	94
24) 1,1-Dichloroethane	3.617	63	75689	19.868	ug/l	98
25) 2-Butanone	4.568	43	192395	103.038	ug/l	92
26) 2,2-Dichloropropane	4.483	77	45911	14.735	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	47295	19.850	ug/l	99
28) Bromochloromethane	4.910	49	39926	22.456	ug/l	95
29) Tetrahydrofuran	5.019	42	122090	99.754	ug/l	89
30) Chloroform	5.105	83	80823	20.728	ug/l	98
31) Cyclohexane	5.477	56	62699	17.263	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	67609	20.288	ug/l	97
36) 1,1-Dichloropropene	5.702	75	54292	18.827	ug/l	99
37) Ethyl Acetate	4.727	43	71402	19.638	ug/l	94
38) Carbon Tetrachloride	5.690	117	56088	19.125	ug/l	97
39) Methylcyclohexane	7.385	83	62780	17.239	ug/l	99
40) Benzene	6.050	78	167274	19.564	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	39592	20.623	ug/l	93
42) 1,2-Dichloroethane	6.098	62	67815	21.451	ug/l	96
43) Isopropyl Acetate	6.354	43	113345	20.118	ug/l	92
44) Trichloroethene	7.135	130	44638	19.004	ug/l	97
45) 1,2-Dichloropropane	7.434	63	44793	19.798	ug/l	96
46) Dibromomethane	7.586	93	31621	20.605	ug/l	97
47) Bromodichloromethane	7.830	83	56280	20.356	ug/l	100
48) Methyl methacrylate	7.702	41	54524	20.896	ug/l	84
49) 1,4-Dioxane	7.665	88	23626	425.223	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	389549	113.043	ug/l	89
52) Toluene	8.726	92	109654	20.701	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	61036	18.590	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	64933	18.839	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	46693	21.769	ug/l	98
56) Ethyl methacrylate	9.122	69	71383	20.761	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	76185	20.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	179985	98.817	ug/l	97
59) 2-Hexanone	9.433	43	305056	116.575	ug/l	86
60) Dibromochloromethane	9.525	129	41237	18.641	ug/l	94
61) 1,2-Dibromoethane	9.616	107	48479	21.184	ug/l	100
64) Tetrachloroethene	9.281	164	45606	19.031	ug/l	96
65) Chlorobenzene	10.085	112	121070	19.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44462	19.384	ug/l	98
67) Ethyl Benzene	10.195	91	209091	19.562	ug/l	99
68) m/p-Xylenes	10.305	106	158721	38.612	ug/l	100
69) o-Xylene	10.646	106	77722	19.071	ug/l	100
70) Styrene	10.659	104	130059	20.142	ug/l	98
71) Bromoform	10.805	173	29748	18.419	ug/l #	98
73) Isopropylbenzene	10.963	105	207208	20.198	ug/l	100
74) N-amyl acetate	10.848	43	94983	20.294	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	69906	20.919	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	65178m	21.786	ug/l	
77) Bromobenzene	11.201	156	51822	20.941	ug/l	95
78) n-propylbenzene	11.305	91	232017	19.983	ug/l	100
79) 2-Chlorotoluene	11.366	91	141863	20.448	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	169623	20.303	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	17963	16.144	ug/l #	85
82) 4-Chlorotoluene	11.457	91	160396	20.435	ug/l	100
83) tert-Butylbenzene	11.719	119	168489	20.560	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	170392	20.504	ug/l	100
85) sec-Butylbenzene	11.896	105	207205	19.500	ug/l	100
86) p-Isopropyltoluene	12.012	119	171536	19.991	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	90191	19.699	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	89820	19.334	ug/l	98
89) n-Butylbenzene	12.335	91	145388	18.717	ug/l	98
90) Hexachloroethane	12.542	117	25290	17.730	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	88840	20.040	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13701	18.302	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	52433	18.825	ug/l	97
94) Hexachlorobutadiene	13.731	225	22309	17.848	ug/l	99
95) Naphthalene	13.780	128	183467	19.159	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	53655	19.077	ug/l	99

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

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