

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070921\
 Data File : VX023216.D
 Acq On : 09 Jul 2021 13:16
 Operator : JC/MD
 Sample : VX0709WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/12/2021 5:43:38 PM

Quant Time: Jul 10 04:18:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	252451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	396517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	159592	47.037	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.080%		
35) Dibromofluoromethane	5.397	113	121477	47.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.880%		
50) Toluene-d8	8.653	98	442453	46.323	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.640%		
62) 4-Bromofluorobenzene	11.085	95	170342	46.196	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	41500	18.143	ug/l	99
3) Chloromethane	1.294	50	38168	16.865	ug/l	97
4) Vinyl Chloride	1.374	62	41522	17.319	ug/l	99
5) Bromomethane	1.599	94	23141	15.221	ug/l	100
6) Chloroethane	1.685	64	26208	16.718	ug/l	97
7) Trichlorofluoromethane	1.886	101	72438	17.386	ug/l	99
8) Diethyl Ether	2.142	74	26182	17.026	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	45527	18.672	ug/l	94
10) Methyl Iodide	2.453	142	47644	15.913	ug/l	93
11) Tert butyl alcohol	2.977	59	62584	87.679	ug/l	98
12) 1,1-Dichloroethene	2.319	96	40345	17.928	ug/l	96
13) Acrolein	2.239	56	36245	76.255	ug/l	100
14) Allyl chloride	2.666	41	70678	18.074	ug/l	93
15) Acrylonitrile	3.075	53	122949	88.585	ug/l	96
16) Acetone	2.386	43	111105	82.769	ug/l	92
17) Carbon Disulfide	2.514	76	77953	16.425	ug/l	96
18) Methyl Acetate	2.715	43	57908	17.772	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	157159	18.673	ug/l	99
20) Methylene Chloride	2.794	84	48086	16.638	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	43245	17.793	ug/l	98
22) Diisopropyl ether	3.770	45	148093	17.963	ug/l	94
23) Vinyl Acetate	3.733	43	632565	90.658	ug/l	96
24) 1,1-Dichloroethane	3.617	63	86040	18.471	ug/l	98
25) 2-Butanone	4.568	43	175890	86.894	ug/l	94
26) 2,2-Dichloropropane	4.483	77	73782	18.872	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	52984	17.999	ug/l	96
28) Bromochloromethane	4.903	49	40961	18.535	ug/l	98
29) Tetrahydrofuran	5.019	42	112367	86.357	ug/l	94
30) Chloroform	5.105	83	92281	18.339	ug/l	100
31) Cyclohexane	5.477	56	69814	17.185	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	81915	18.692	ug/l	99
36) 1,1-Dichloropropene	5.696	75	61754	17.470	ug/l	99
37) Ethyl Acetate	4.727	43	67743	17.568	ug/l	97
38) Carbon Tetrachloride	5.684	117	71738	19.443	ug/l	95
39) Methylcyclohexane	7.385	83	74491	18.018	ug/l	97
40) Benzene	6.050	78	185669	18.091	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	36789	17.066	ug/l	93
42) 1,2-Dichloroethane	6.098	62	75275	18.253	ug/l	95
43) Isopropyl Acetate	6.348	43	113337	17.670	ug/l	95
44) Trichloroethene	7.129	130	54553	18.738	ug/l	99
45) 1,2-Dichloropropane	7.440	63	48315	18.034	ug/l	93
46) Dibromomethane	7.586	93	34915	18.248	ug/l	97
47) Bromodichloromethane	7.830	83	65854	18.851	ug/l	98
48) Methyl methacrylate	7.702	41	55301	17.571	ug/l	88
49) 1,4-Dioxane	7.665	88	25697	362.784	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	353249	88.878	ug/l	92
52) Toluene	8.726	92	120504	18.143	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	69793	17.675	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	76037	17.992	ug/l #	92
55) 1,1,2-Trichloroethane	9.159	97	51458	18.450	ug/l	98
56) Ethyl methacrylate	9.122	69	77516	17.986	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	83428	18.097	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	197344	87.244	ug/l	100
59) 2-Hexanone	9.433	43	267893	87.847	ug/l	89
60) Dibromochloromethane	9.525	129	50407	18.290	ug/l	100
61) 1,2-Dibromoethane	9.616	107	52720	18.417	ug/l	99
64) Tetrachloroethene	9.281	164	53032	18.385	ug/l	95
65) Chlorobenzene	10.085	112	131829	18.440	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	50732	19.627	ug/l	99
67) Ethyl Benzene	10.195	91	232540	18.400	ug/l	99
68) m/p-Xylenes	10.305	106	179709	37.246	ug/l	97
69) o-Xylene	10.646	106	88582	18.217	ug/l	97
70) Styrene	10.659	104	147686	18.593	ug/l	98
71) Bromoform	10.805	173	34631	18.539	ug/l #	99
73) Isopropylbenzene	10.963	105	237192	19.278	ug/l	100
74) N-amyl acetate	10.848	43	93668	17.941	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	73825	18.886	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	69766m	19.851	ug/l	
77) Bromobenzene	11.201	156	57450	18.702	ug/l	98
78) n-propylbenzene	11.305	91	269266	18.926	ug/l	99
79) 2-Chlorotoluene	11.366	91	168261	19.136	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	205106	19.361	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	20573	19.556	ug/l #	86
82) 4-Chlorotoluene	11.457	91	190799	19.215	ug/l	100
83) tert-Butylbenzene	11.719	119	194862	19.379	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	201347	19.233	ug/l	99
85) sec-Butylbenzene	11.896	105	248975	19.243	ug/l	100
86) p-Isopropyltoluene	12.012	119	207773	19.144	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	108911	18.880	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	108065	18.605	ug/l	98
89) n-Butylbenzene	12.335	91	172673	18.162	ug/l	98
90) Hexachloroethane	12.542	117	31448	18.919	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	108421	18.894	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16450	18.843	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	65423	18.508	ug/l	98
94) Hexachlorobutadiene	13.731	225	29530	19.731	ug/l	98
95) Naphthalene	13.780	128	219110	17.652	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	66535	18.715	ug/l	98

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

