

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071521\
 Data File : VX023297.D
 Acq On : 15 Jul 2021 14:28
 Operator : JC/MD
 Sample : VX0715WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:41:40 AM

Quant Time: Jul 16 03:51:03 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	5.556	168	250952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	394316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	168866	50.067	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.140%	
35) Dibromofluoromethane	5.391	113	124729	48.984	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.960%	
50) Toluene-d8	8.653	98	454083	47.806	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.620%	
62) 4-Bromofluorobenzene	11.085	95	180241	49.153	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	39347	17.304	ug/l	97
3) Chloromethane	1.295	50	34896	15.511	ug/l	96
4) Vinyl Chloride	1.374	62	38896	16.321	ug/l	98
5) Bromomethane	1.599	94	24058	16.185	ug/l	97
6) Chloroethane	1.685	64	24184	15.519	ug/l	99
7) Trichlorofluoromethane	1.886	101	70168	16.942	ug/l	100
8) Diethyl Ether	2.142	74	26721	17.480	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	44568	18.388	ug/l	96
10) Methyl Iodide	2.453	142	49677	16.691	ug/l	93
11) Tert butyl alcohol	2.971	59	76186	107.373	ug/l	99
12) 1,1-Dichloroethene	2.319	96	39473	17.645	ug/l	93
13) Acrolein	2.239	56	35719	75.598	ug/l	97
14) Allyl chloride	2.666	41	68627	17.654	ug/l	92
15) Acrylonitrile	3.069	53	141112	102.278	ug/l	97
16) Acetone	2.386	43	137290	102.887	ug/l	91
17) Carbon Disulfide	2.514	76	67373	14.280	ug/l	99
18) Methyl Acetate	2.709	43	67230	20.756	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	163625	19.557	ug/l	99
20) Methylene Chloride	2.794	84	49377	17.187	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	40674	16.835	ug/l	98
22) Diisopropyl ether	3.770	45	147855	18.041	ug/l	99
23) Vinyl Acetate	3.727	43	647902	93.410	ug/l	96
24) 1,1-Dichloroethane	3.611	63	84667	18.285	ug/l	99
25) 2-Butanone	4.562	43	205029	101.895	ug/l	95
26) 2,2-Dichloropropane	4.477	77	66863	17.204	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	52455	17.925	ug/l	98
28) Bromochloromethane	4.910	49	40461	18.418	ug/l	98
29) Tetrahydrofuran	5.013	42	129032	99.757	ug/l	93
30) Chloroform	5.099	83	93443	18.681	ug/l	99
31) Cyclohexane	5.477	56	65702	16.270	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	81832	18.784	ug/l	99
36) 1,1-Dichloropropene	5.696	75	60103	17.098	ug/l	99
37) Ethyl Acetate	4.721	43	75788	19.764	ug/l	96
38) Carbon Tetrachloride	5.678	117	68955	18.793	ug/l	97
39) Methylcyclohexane	7.385	83	71271	17.335	ug/l	99
40) Benzene	6.044	78	182901	17.921	ug/l	98

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41) Methacrylonitrile	4.928	41	42806	19.968	ug/l	93
42) 1,2-Dichloroethane	6.092	62	80337	19.590	ug/l	93
43) Isopropyl Acetate	6.348	43	122805	19.253	ug/l	95
44) Trichloroethene	7.129	130	52031	17.971	ug/l	98
45) 1,2-Dichloropropane	7.434	63	48284	18.123	ug/l	99
46) Dibromomethane	7.586	93	36384	19.122	ug/l	97
47) Bromodichloromethane	7.824	83	65590	18.881	ug/l	99
48) Methyl methacrylate	7.696	41	59868	19.128	ug/l	89
49) 1,4-Dioxane	7.659	88	28463	404.077	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	403340	102.048	ug/l	92
52) Toluene	8.720	92	119504	18.093	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	70666	17.947	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	74549	17.769	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	54088	19.501	ug/l	98
56) Ethyl methacrylate	9.122	69	80857	18.866	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	85310	18.609	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	219785	97.145	ug/l	100
59) 2-Hexanone	9.433	43	309786	102.151	ug/l	89
60) Dibromochloromethane	9.525	129	49289	18.037	ug/l	96
61) 1,2-Dibromoethane	9.610	107	55308	19.429	ug/l	100
64) Tetrachloroethene	9.275	164	53640	18.623	ug/l	93
65) Chlorobenzene	10.080	112	133465	18.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	52082	20.179	ug/l	98
67) Ethyl Benzene	10.195	91	232691	18.439	ug/l	100
68) m/p-Xylenes	10.305	106	181186	37.607	ug/l	98
69) o-Xylene	10.646	106	88633	18.254	ug/l	97
70) Styrene	10.659	104	148841	18.766	ug/l	97
71) Bromoform	10.805	173	34756	18.613	ug/l #	96
73) Isopropylbenzene	10.964	105	241128	18.843	ug/l	100
74) N-amyl acetate	10.848	43	99916	18.400	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	79606	19.579	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	76630m	20.963	ug/l	
77) Bromobenzene	11.201	156	59643	18.667	ug/l	97
78) n-propylbenzene	11.305	91	273680	18.495	ug/l	98
79) 2-Chlorotoluene	11.366	91	169892	18.576	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	205504	18.651	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21816	19.845	ug/l	87
82) 4-Chlorotoluene	11.457	91	194547	18.837	ug/l	100
83) tert-Butylbenzene	11.719	119	201667	19.283	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	207017	19.012	ug/l	99
85) sec-Butylbenzene	11.896	105	258368	19.200	ug/l	100
86) p-Isopropyltoluene	12.012	119	216654	19.192	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112102	18.684	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	112008	18.541	ug/l	97
89) n-Butylbenzene	12.335	91	180457	18.249	ug/l	98
90) Hexachloroethane	12.542	117	31913	18.532	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	114215	19.136	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18916	20.561	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	70335	19.131	ug/l	99
94) Hexachlorobutadiene	13.725	225	32644	20.970	ug/l	99
95) Naphthalene	13.780	128	245785	18.937	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72766	19.679	ug/l	98

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

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