

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023390.D
 Acq On : 22 Jul 2021 22:31
 Operator : JC/MD
 Sample : VX0722WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:14:25 PM

Quant Time: Jul 23 06:10:46 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	203174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	338822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130459	51.475	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.940%	
35) Dibromofluoromethane	5.397	113	106269	50.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.320%	
50) Toluene-d8	8.653	98	391245	50.267	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	11.085	95	133352	50.385	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	37427	20.023	ug/l	98
3) Chloromethane	1.294	50	42015	19.296	ug/l	100
4) Vinyl Chloride	1.374	62	44352	20.122	ug/l	100
5) Bromomethane	1.599	94	30712	23.470	ug/l	96
6) Chloroethane	1.684	64	27601	20.404	ug/l	100
7) Trichlorofluoromethane	1.886	101	70095	19.739	ug/l	97
8) Diethyl Ether	2.136	74	26034	19.863	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	40253	20.008	ug/l	97
10) Methyl Iodide	2.453	142	46415	18.414	ug/l	97
11) Tert butyl alcohol	2.977	59	60687	104.820	ug/l	99
12) 1,1-Dichloroethene	2.318	96	38943	19.507	ug/l	96
13) Acrolein	2.245	56	30010	102.769	ug/l	95
14) Allyl chloride	2.666	41	69195	19.065	ug/l	96
15) Acrylonitrile	3.074	53	133120	101.822	ug/l	98
16) Acetone	2.386	43	120008	96.529	ug/l	93
17) Carbon Disulfide	2.514	76	88185	17.914	ug/l	97
18) Methyl Acetate	2.709	43	60046	20.317	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	139723	20.129	ug/l	100
20) Methylene Chloride	2.794	84	47158	19.500	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	42341	19.966	ug/l	99
22) Diisopropyl ether	3.769	45	144827	20.214	ug/l	90
23) Vinyl Acetate	3.733	43	637738	100.834	ug/l	94
24) 1,1-Dichloroethane	3.617	63	79156	20.101	ug/l	100
25) 2-Butanone	4.568	43	194110	100.570	ug/l	91
26) 2,2-Dichloropropane	4.483	77	51986	16.141	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	48834	19.828	ug/l	99
28) Bromochloromethane	4.910	49	33928	18.461	ug/l	95
29) Tetrahydrofuran	5.019	42	128564	101.621	ug/l	90
30) Chloroform	5.105	83	79709	19.776	ug/l	100
31) Cyclohexane	5.476	56	70293	18.723	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	69317	20.123	ug/l	99
36) 1,1-Dichloropropene	5.702	75	57925	18.899	ug/l	100
37) Ethyl Acetate	4.727	43	73794	19.095	ug/l	95
38) Carbon Tetrachloride	5.684	117	58829	18.873	ug/l	99
39) Methylcyclohexane	7.385	83	71515	18.476	ug/l	99
40) Benzene	6.043	78	178436	19.635	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	38964	19.095	ug/l	95
42) 1,2-Dichloroethane	6.098	62	64677	19.249	ug/l	97
43) Isopropyl Acetate	6.348	43	113569	18.965	ug/l	94
44) Trichloroethene	7.135	130	48476	19.417	ug/l	95
45) 1,2-Dichloropropane	7.433	63	45540	18.938	ug/l	98
46) Dibromomethane	7.586	93	31400	19.250	ug/l	100
47) Bromodichloromethane	7.830	83	54657	18.599	ug/l	96
48) Methyl methacrylate	7.702	41	53285	19.213	ug/l	90
49) 1,4-Dioxane	7.665	88	24054	407.313	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	374589	102.271	ug/l	91
52) Toluene	8.726	92	108308	19.237	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	61366	17.683	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	66338	18.108	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	44801	19.651	ug/l	98
56) Ethyl methacrylate	9.122	69	70585	19.315	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	75747	19.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	183444	94.757	ug/l	96
59) 2-Hexanone	9.433	43	289469	104.074	ug/l	88
60) Dibromochloromethane	9.525	129	41642	17.809	ug/l	99
61) 1,2-Dibromoethane	9.616	107	47462	19.513	ug/l	99
64) Tetrachloroethene	9.275	164	46498	19.396	ug/l	96
65) Chlorobenzene	10.085	112	116945	18.969	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41824	18.285	ug/l	97
67) Ethyl Benzene	10.195	91	205637	19.232	ug/l	98
68) m/p-Xylenes	10.305	106	158463	38.535	ug/l	97
69) o-Xylene	10.646	106	78275	19.199	ug/l	97
70) Styrene	10.658	104	125525	19.433	ug/l	98
71) Bromoform	10.805	173	28129	17.603	ug/l #	98
73) Isopropylbenzene	10.963	105	203083	19.572	ug/l	99
74) N-amyl acetate	10.847	43	90515	19.121	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	68562	20.284	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	62533m	20.665	ug/l	
77) Bromobenzene	11.201	156	50228	20.066	ug/l	94
78) n-propylbenzene	11.305	91	225402	19.194	ug/l	98
79) 2-Chlorotoluene	11.366	91	137996	19.665	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	167848	19.863	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	18544	16.478	ug/l	89
82) 4-Chlorotoluene	11.457	91	155031	19.528	ug/l	99
83) tert-Butylbenzene	11.719	119	162514	19.606	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	168112	20.000	ug/l	99
85) sec-Butylbenzene	11.896	105	207676	19.323	ug/l	100
86) p-Isopropyltoluene	12.012	119	169863	19.571	ug/l	99
87) 1,3-Dichlorobenzene	11.975	146	90037	19.443	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	89296	19.004	ug/l	99
89) n-Butylbenzene	12.335	91	145445	18.512	ug/l	97
90) Hexachloroethane	12.542	117	24915	17.318	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	88123	19.653	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13777	18.208	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	53862	19.119	ug/l	99
94) Hexachlorobutadiene	13.725	225	22839	18.065	ug/l	95
95) Naphthalene	13.780	128	195057	20.138	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55596	19.543	ug/l	99

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

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