

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023194.D
 Acq On : 08 Jul 2021 13:08
 Operator : JC/MD
 Sample : VX0708WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:42:22 PM

Quant Time: Jul 09 02:09:25 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	264318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	418405	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	177691	50.020	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.040%	
35) Dibromofluoromethane	5.397	113	131349	48.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.220%	
50) Toluene-d8	8.653	98	476644	47.292	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.580%	
62) 4-Bromofluorobenzene	11.085	95	183246	47.096	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	44991	18.786	ug/l	97
3) Chloromethane	1.294	50	40587	17.129	ug/l	99
4) Vinyl Chloride	1.374	62	45688	18.201	ug/l	96
5) Bromomethane	1.605	94	28943	19.312	ug/l	96
6) Chloroethane	1.685	64	28530	17.382	ug/l	99
7) Trichlorofluoromethane	1.886	101	79434	18.209	ug/l	95
8) Diethyl Ether	2.136	74	30795	19.126	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	49970	19.574	ug/l	99
10) Methyl Iodide	2.453	142	53699	17.130	ug/l	91
11) Tert butyl alcohol	2.971	59	67338	90.104	ug/l	99
12) 1,1-Dichloroethene	2.319	96	43630	18.517	ug/l	94
13) Acrolein	2.239	56	35355	71.043	ug/l	99
14) Allyl chloride	2.666	41	77845	19.013	ug/l	91
15) Acrylonitrile	3.068	53	138892	95.579	ug/l	97
16) Acetone	2.386	43	127594	90.785	ug/l	90
17) Carbon Disulfide	2.514	76	84735	17.052	ug/l	100
18) Methyl Acetate	2.709	43	65671	19.249	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	177304	20.121	ug/l	100
20) Methylene Chloride	2.794	84	54019	17.852	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	46973	18.460	ug/l	93
22) Diisopropyl ether	3.770	45	166131	19.246	ug/l	95
23) Vinyl Acetate	3.727	43	717487	98.212	ug/l	95
24) 1,1-Dichloroethane	3.617	63	93538	19.179	ug/l	97
25) 2-Butanone	4.568	43	197962	93.407	ug/l	92
26) 2,2-Dichloropropane	4.489	77	79764	19.486	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	57882	18.780	ug/l	96
28) Bromochloromethane	4.910	49	41906	18.111	ug/l	98
29) Tetrahydrofuran	5.019	42	127961	93.927	ug/l	92
30) Chloroform	5.099	83	101243	19.217	ug/l	98
31) Cyclohexane	5.477	56	76830	18.063	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	88688	19.329	ug/l	99
36) 1,1-Dichloropropene	5.696	75	68690	18.415	ug/l	98
37) Ethyl Acetate	4.721	43	77381	19.017	ug/l	96
38) Carbon Tetrachloride	5.684	117	75631	19.426	ug/l	97
39) Methylcyclohexane	7.385	83	81326	18.642	ug/l	96
40) Benzene	6.044	78	203785	18.818	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	42183	18.544	ug/l	95
42) 1,2-Dichloroethane	6.098	62	86855	19.960	ug/l	93
43) Isopropyl Acetate	6.348	43	128735	19.021	ug/l	95
44) Trichloroethene	7.129	130	57235	18.631	ug/l	98
45) 1,2-Dichloropropane	7.434	63	54358	19.228	ug/l	94
46) Dibromomethane	7.586	93	38470	19.055	ug/l	97
47) Bromodichloromethane	7.824	83	70549	19.139	ug/l	100
48) Methyl methacrylate	7.696	41	62438	18.801	ug/l	88
49) 1,4-Dioxane	7.665	88	27055	361.975	ug/l #	97
51) 4-Methyl-2-Pentanone	8.580	43	398840	95.100	ug/l	92
52) Toluene	8.720	92	130699	18.648	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	77118	18.380	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	82837	18.505	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	57228	19.445	ug/l	98
56) Ethyl methacrylate	9.122	69	85810	18.868	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	90884	18.683	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	215117	89.972	ug/l	99
59) 2-Hexanone	9.433	43	299752	93.152	ug/l	90
60) Dibromochloromethane	9.525	129	53195	18.292	ug/l	99
61) 1,2-Dibromoethane	9.616	107	57833	19.146	ug/l	99
64) Tetrachloroethene	9.275	164	57320	19.120	ug/l	95
65) Chlorobenzene	10.085	112	141767	19.080	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	53656	19.972	ug/l	99
67) Ethyl Benzene	10.195	91	251701	19.162	ug/l	97
68) m/p-Xylenes	10.305	106	194637	38.813	ug/l	98
69) o-Xylene	10.646	106	96213	19.037	ug/l	98
70) Styrene	10.659	104	158773	19.232	ug/l	98
71) Bromoform	10.805	173	35200	18.220	ug/l #	98
73) Isopropylbenzene	10.963	105	257249	20.038	ug/l	100
74) N-amyl acetate	10.848	43	103836	19.061	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	82083	20.124	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	75984m	20.720	ug/l	
77) Bromobenzene	11.201	156	61424	19.163	ug/l	98
78) n-propylbenzene	11.305	91	291081	19.608	ug/l	100
79) 2-Chlorotoluene	11.366	91	179921	19.610	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	217652	19.690	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	22405	20.203	ug/l #	86
82) 4-Chlorotoluene	11.457	91	207088	19.988	ug/l	99
83) tert-Butylbenzene	11.719	119	210189	20.034	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	220214	20.160	ug/l	97
85) sec-Butylbenzene	11.896	105	267314	19.801	ug/l	100
86) p-Isopropyltoluene	12.012	119	223528	19.738	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	114993	19.105	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	116435	19.212	ug/l	97
89) n-Butylbenzene	12.335	91	189346	19.087	ug/l	99
90) Hexachloroethane	12.542	117	32261	18.651	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	116799	19.507	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17507	19.168	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	73216	19.851	ug/l	98
94) Hexachlorobutadiene	13.725	225	31262	20.019	ug/l	98
95) Naphthalene	13.780	128	246342	18.921	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73351	19.774	ug/l	99

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

