

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023114.D
 Acq On : 02 Jul 2021 17:55
 Operator : JC/MD
 Sample : VX0702WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBSD01

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:53:27 PM

Quant Time: Jul 05 02:55:41 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	292288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	480707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	205419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	201290	51.240	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.480%
35) Dibromofluoromethane	5.397	113	149819	48.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.653	98	558278	48.213	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.420%
62) 4-Bromofluorobenzene	11.085	95	209198	46.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	52508	19.826	ug/l	97
3) Chloromethane	1.295	50	50202	19.159	ug/l	98
4) Vinyl Chloride	1.374	62	56252	20.265	ug/l	99
5) Bromomethane	1.599	94	34733	21.452	ug/l	99
6) Chloroethane	1.685	64	35596	19.612	ug/l	100
7) Trichlorofluoromethane	1.886	101	94551	19.601	ug/l	97
8) Diethyl Ether	2.142	74	35773	20.092	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	55281	19.582	ug/l	98
10) Methyl Iodide	2.453	142	58673	16.926	ug/l	94
11) Tert butyl alcohol	2.977	59	82142	99.395	ug/l	98
12) 1,1-Dichloroethene	2.319	96	52370	20.100	ug/l	96
13) Acrolein	2.239	56	52441	95.293	ug/l	99
14) Allyl chloride	2.666	41	90986	20.096	ug/l	91
15) Acrylonitrile	3.075	53	162496	101.121	ug/l	99
16) Acetone	2.386	43	152718	98.263	ug/l	89
17) Carbon Disulfide	2.514	76	103373	18.812	ug/l	99
18) Methyl Acetate	2.709	43	75837	20.102	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	198546	20.375	ug/l	98
20) Methylene Chloride	2.794	84	60889	18.197	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	55468	19.712	ug/l	100
22) Diisopropyl ether	3.770	45	193720	20.295	ug/l	90
23) Vinyl Acetate	3.733	43	828611	102.569	ug/l	94
24) 1,1-Dichloroethane	3.617	63	107107	19.860	ug/l	98
25) 2-Butanone	4.568	43	233229	99.517	ug/l	90
26) 2,2-Dichloropropane	4.483	77	88828	19.623	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	66429	19.490	ug/l	96
28) Bromochloromethane	4.910	49	53226	20.802	ug/l	94
29) Tetrahydrofuran	5.019	42	149911	99.509	ug/l	92
30) Chloroform	5.105	83	115235	19.780	ug/l	98
31) Cyclohexane	5.477	56	90233	19.184	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	101861	20.075	ug/l	99
36) 1,1-Dichloropropene	5.702	75	79780	18.617	ug/l	98
37) Ethyl Acetate	4.727	43	89808	19.211	ug/l	97
38) Carbon Tetrachloride	5.684	117	86920	19.432	ug/l	96
39) Methylcyclohexane	7.385	83	92002	18.356	ug/l	95
40) Benzene	6.050	78	234176	18.822	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	49617	18.986	ug/l	93
42) 1,2-Dichloroethane	6.099	62	97408	19.484	ug/l	96
43) Isopropyl Acetate	6.348	43	150717	19.383	ug/l	94
44) Trichloroethene	7.129	130	64146	18.174	ug/l	100
45) 1,2-Dichloropropane	7.440	63	60109	18.507	ug/l	99
46) Dibromomethane	7.586	93	44052	18.992	ug/l	96
47) Bromodichloromethane	7.830	83	79606	18.797	ug/l	98
48) Methyl methacrylate	7.696	41	74142	19.432	ug/l	87
49) 1,4-Dioxane	7.665	88	31919	371.703	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	469779	97.497	ug/l	91
52) Toluene	8.720	92	151747	18.846	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	86704	18.045	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	93870	18.281	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	63243	18.704	ug/l	96
56) Ethyl methacrylate	9.122	69	98729	18.896	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	106270	19.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	253885	92.296	ug/l	99
59) 2-Hexanone	9.433	43	356891	96.534	ug/l	89
60) Dibromochloromethane	9.525	129	58518	17.647	ug/l	99
61) 1,2-Dibromoethane	9.616	107	66487	19.158	ug/l	98
64) Tetrachloroethene	9.275	164	67078	19.235	ug/l	94
65) Chlorobenzene	10.086	112	164335	19.014	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	60088	19.228	ug/l	99
67) Ethyl Benzene	10.195	91	296267	19.390	ug/l	100
68) m/p-Xylenes	10.305	106	224925	38.559	ug/l	98
69) o-Xylene	10.647	106	111326	18.936	ug/l	98
70) Styrene	10.659	104	183641	19.123	ug/l	97
71) Bromoform	10.805	173	40061	17.914	ug/l #	99
73) Isopropylbenzene	10.964	105	294100	20.323	ug/l	100
74) N-amyl acetate	10.848	43	122343	19.923	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	93300	20.293	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	85903m	20.781	ug/l	
77) Bromobenzene	11.201	156	71557	19.805	ug/l	98
78) n-propylbenzene	11.305	91	337005	20.139	ug/l	100
79) 2-Chlorotoluene	11.366	91	208890	20.198	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	250732	20.123	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	24328	19.636	ug/l #	83
82) 4-Chlorotoluene	11.457	91	237310	20.319	ug/l	99
83) tert-Butylbenzene	11.719	119	243404	20.581	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	250413	20.337	ug/l	98
85) sec-Butylbenzene	11.896	105	302548	19.882	ug/l	100
86) p-Isopropyltoluene	12.012	119	254832	19.963	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	131731	19.416	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	132099	19.337	ug/l	96
89) n-Butylbenzene	12.335	91	216982	19.404	ug/l	97
90) Hexachloroethane	12.543	117	36050	18.515	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	132735	19.666	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19984	19.378	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	80079	19.261	ug/l	98
94) Hexachlorobutadiene	13.725	225	33953	19.288	ug/l	98
95) Naphthalene	13.780	128	280958	19.129	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	83610	19.995	ug/l	98

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

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