

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023443.D
 Acq On : 26 Jul 2021 12:05
 Operator : JC/MD
 Sample : VX0726WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Manual Integrations
 APPROVED

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Quant Time: Jul 27 03:26:30 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	224803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	354464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140646	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	141590	50.492	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.980%	
35) Dibromofluoromethane	5.391	113	113374	51.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.320%	
50) Toluene-d8	8.653	98	416650	51.169	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.340%	
62) 4-Bromofluorobenzene	11.085	95	141591	51.138	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.280%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	39101	18.906	ug/l	99
3) Chloromethane	1.295	50	43268	17.959	ug/l	100
4) Vinyl Chloride	1.374	62	44295	18.163	ug/l	99
5) Bromomethane	1.599	94	31450	21.722	ug/l	96
6) Chloroethane	1.685	64	29015	19.386	ug/l	99
7) Trichlorofluoromethane	1.886	101	74342	18.921	ug/l	96
8) Diethyl Ether	2.142	74	27638	19.058	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	44236	19.872	ug/l	99
10) Methyl Iodide	2.453	142	47851	17.157	ug/l	97
11) Tert butyl alcohol	2.977	59	63132	98.551	ug/l	100
12) 1,1-Dichloroethene	2.319	96	41012	18.567	ug/l	98
13) Acrolein	2.239	56	36797	113.740	ug/l	94
14) Allyl chloride	2.666	41	74186	18.473	ug/l	95
15) Acrylonitrile	3.069	53	141060	97.514	ug/l	98
16) Acetone	2.386	43	124410	90.441	ug/l	93
17) Carbon Disulfide	2.514	76	92265	16.940	ug/l	99
18) Methyl Acetate	2.709	43	65385	19.995	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	150056	19.538	ug/l	100
20) Methylene Chloride	2.794	84	47953	17.921	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	43954	18.732	ug/l	99
22) Diisopropyl ether	3.770	45	154763	19.523	ug/l	96
23) Vinyl Acetate	3.727	43	689240	98.492	ug/l	95
24) 1,1-Dichloroethane	3.617	63	83512	19.167	ug/l	99
25) 2-Butanone	4.568	43	204956	95.973	ug/l	92
26) 2,2-Dichloropropane	4.477	77	65955	18.508	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	52155	19.139	ug/l	99
28) Bromochloromethane	4.904	49	39621	19.485	ug/l	98
29) Tetrahydrofuran	5.013	42	135645	96.903	ug/l	89
30) Chloroform	5.099	83	86000	19.284	ug/l	99
31) Cyclohexane	5.471	56	75529	18.182	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	73120	19.185	ug/l	98
36) 1,1-Dichloropropene	5.702	75	61031	19.033	ug/l	99
37) Ethyl Acetate	4.727	43	79149	19.577	ug/l #	94
38) Carbon Tetrachloride	5.684	117	63045	19.333	ug/l	93
39) Methylcyclohexane	7.385	83	77806	19.214	ug/l	98
40) Benzene	6.044	78	185782	19.541	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	41401	19.394	ug/l	93
42) 1,2-Dichloroethane	6.092	62	69756	19.844	ug/l	97
43) Isopropyl Acetate	6.348	43	123010	19.635	ug/l	92
44) Trichloroethene	7.135	130	50309	19.262	ug/l	98
45) 1,2-Dichloropropane	7.440	63	48502	19.279	ug/l	97
46) Dibromomethane	7.586	93	33387	19.565	ug/l	99
47) Bromodichloromethane	7.830	83	59149	19.239	ug/l	98
48) Methyl methacrylate	7.696	41	56813	19.581	ug/l	89
49) 1,4-Dioxane	7.665	88	24550	397.368	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	403329	105.258	ug/l	90
52) Toluene	8.720	92	116048	19.703	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	68912	18.848	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	73818	19.261	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	49099	20.586	ug/l	97
56) Ethyl methacrylate	9.122	69	76294	19.956	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	82786	20.427	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	197646	97.588	ug/l	97
59) 2-Hexanone	9.433	43	307312	105.614	ug/l	87
60) Dibromochloromethane	9.525	129	45155	18.387	ug/l	98
61) 1,2-Dibromoethane	9.616	107	51245	20.138	ug/l	100
64) Tetrachloroethene	9.275	164	49472	19.743	ug/l	94
65) Chlorobenzene	10.080	112	124623	19.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45776	19.100	ug/l	99
67) Ethyl Benzene	10.195	91	217992	19.504	ug/l	99
68) m/p-Xylenes	10.305	106	166057	38.632	ug/l	98
69) o-Xylene	10.647	106	80404	18.867	ug/l	98
70) Styrene	10.659	104	132070	19.560	ug/l	99
71) Bromoform	10.805	173	30965	18.351	ug/l #	99
73) Isopropylbenzene	10.964	105	215506	20.306	ug/l	100
74) N-amyl acetate	10.848	43	98371	20.317	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	69803	20.191	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	65909m	21.295	ug/l	
77) Bromobenzene	11.201	156	52512	20.511	ug/l	92
78) n-propylbenzene	11.305	91	239740	19.960	ug/l	99
79) 2-Chlorotoluene	11.366	91	141919	19.773	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	177076	20.488	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	20169	17.522	ug/l	87
82) 4-Chlorotoluene	11.457	91	161587	19.900	ug/l	99
83) tert-Butylbenzene	11.719	119	169145	19.951	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	175071	20.364	ug/l	99
85) sec-Butylbenzene	11.896	105	219682	19.985	ug/l	99
86) p-Isopropyltoluene	12.012	119	180162	20.296	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	93053	19.647	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	91498	19.039	ug/l	98
89) n-Butylbenzene	12.335	91	155960	19.408	ug/l	97
90) Hexachloroethane	12.543	117	26622	18.008	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	91552	19.963	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13768	17.839	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	56151	19.488	ug/l	99
94) Hexachlorobutadiene	13.725	225	23957	18.527	ug/l	96
95) Naphthalene	13.780	128	195337	19.718	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56501	19.419	ug/l	100

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

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