

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030027.D
 Acq On : 12 Jul 2022 18:15
 Operator : JC/MD
 Sample : VX0712WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 09:09:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	194221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	340149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	114909	48.607	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.220%		
35) Dibromofluoromethane	5.391	113	105664	48.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.260%		
50) Toluene-d8	8.653	98	407066	49.809	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.620%		
62) 4-Bromofluorobenzene	11.085	95	139214	49.086	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47606	21.008	ug/l	98
3) Chloromethane	1.288	50	45570	22.516	ug/l	98
4) Vinyl Chloride	1.374	62	48583	21.612	ug/l	98
5) Bromomethane	1.605	94	20877	21.862	ug/l	100
6) Chloroethane	1.685	64	26298	20.774	ug/l	94
7) Trichlorofluoromethane	1.886	101	61540	21.198	ug/l	99
8) Diethyl Ether	2.136	74	24495	20.395	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	40182	20.274	ug/l	94
10) Methyl Iodide	2.453	142	34573	19.320	ug/l	99
11) Tert butyl alcohol	2.983	59	60869	99.764	ug/l	99
12) 1,1-Dichloroethene	2.319	96	42893	21.676	ug/l	92
13) Acrolein	2.239	56	11631	95.716	ug/l	96
14) Allyl chloride	2.666	41	71018	20.537	ug/l	98
15) Acrylonitrile	3.068	53	150517	108.548	ug/l	99
16) Acetone	2.386	43	115874	104.022	ug/l	97
17) Carbon Disulfide	2.508	76	112576	20.105	ug/l	97
18) Methyl Acetate	2.709	43	68600	20.243	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	131188	20.974	ug/l	99
20) Methylene Chloride	2.794	84	49395	20.831	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	44763	21.702	ug/l	98
22) Diisopropyl ether	3.769	45	141228	20.864	ug/l	87
23) Vinyl Acetate	3.727	43	624659	109.012	ug/l	99
24) 1,1-Dichloroethane	3.611	63	77422	20.641	ug/l	97
25) 2-Butanone	4.568	43	203262	107.119	ug/l	98
26) 2,2-Dichloropropane	4.483	77	47482	18.021	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	51945	20.566	ug/l	97
28) Bromochloromethane	4.897	49	30734	19.477	ug/l	99
29) Tetrahydrofuran	5.013	42	135165	104.962	ug/l	97
30) Chloroform	5.099	83	78194	20.919	ug/l	95
31) Cyclohexane	5.477	56	72882	21.267	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	62145	20.342	ug/l	98
36) 1,1-Dichloropropene	5.702	75	58678	20.906	ug/l	99
37) Ethyl Acetate	4.721	43	73279	20.317	ug/l	97
38) Carbon Tetrachloride	5.684	117	53980	20.623	ug/l	98
39) Methylcyclohexane	7.385	83	74230	20.862	ug/l	99
40) Benzene	6.043	78	189549	21.456	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	40770	20.994	ug/l	98
42) 1,2-Dichloroethane	6.092	62	56450	20.618	ug/l	99
43) Isopropyl Acetate	6.348	43	112363	20.718	ug/l	99
44) Trichloroethene	7.129	130	51083	19.788	ug/l	99
45) 1,2-Dichloropropane	7.433	63	49061	21.365	ug/l	96
46) Dibromomethane	7.586	93	32629	20.645	ug/l	98
47) Bromodichloromethane	7.830	83	58822	20.511	ug/l	98
48) Methyl methacrylate	7.696	41	54714	21.864	ug/l	98
49) 1,4-Dioxane	7.677	88	27908	429.254	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	383122	106.752	ug/l	99
52) Toluene	8.720	92	116566	20.779	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	60320	20.249	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	68214	19.989	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	48274	20.867	ug/l	97
56) Ethyl methacrylate	9.122	69	71998	20.700	ug/l	99
57) 1,3-Dichloropropane	9.311	76	77518	21.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	186290	98.635	ug/l	99
59) 2-Hexanone	9.433	43	300278	109.106	ug/l	99
60) Dibromochloromethane	9.525	129	44626	19.800	ug/l	100
61) 1,2-Dibromoethane	9.610	107	49871	20.713	ug/l	97
64) Tetrachloroethene	9.275	164	48717	20.213	ug/l	97
65) Chlorobenzene	10.079	112	120003	20.071	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	40397	19.819	ug/l	95
67) Ethyl Benzene	10.195	91	214628	21.181	ug/l	99
68) m/p-Xylenes	10.305	106	168837	42.482	ug/l	98
69) o-Xylene	10.646	106	82318	20.686	ug/l	99
70) Styrene	10.659	104	137199	20.772	ug/l	98
71) Bromoform	10.805	173	31177	19.038	ug/l #	98
73) Isopropylbenzene	10.963	105	208751	21.441	ug/l	99
74) N-amyl acetate	10.841	43	88718	20.747	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	73047	20.796	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	66648m	20.731	ug/l	
77) Bromobenzene	11.201	156	50156	20.590	ug/l	98
78) n-propylbenzene	11.305	91	244112	21.135	ug/l	99
79) 2-Chlorotoluene	11.366	91	143930	20.805	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	172570	21.036	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	21239	19.066	ug/l	97
82) 4-Chlorotoluene	11.457	91	162865	21.012	ug/l	99
83) tert-Butylbenzene	11.719	119	166087	21.111	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	174378	21.490	ug/l	99
85) sec-Butylbenzene	11.890	105	215532	20.723	ug/l	99
86) p-Isopropyltoluene	12.012	119	175073	20.982	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	92067	20.456	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	93964	20.344	ug/l	99
89) n-Butylbenzene	12.335	91	154456	20.660	ug/l	100
90) Hexachloroethane	12.542	117	28283	19.828	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	93492	20.446	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16461	20.524	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	57165	20.354	ug/l	99
94) Hexachlorobutadiene	13.725	225	21975	19.597	ug/l	98
95) Naphthalene	13.780	128	230506	20.676	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58185	20.361	ug/l	98

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

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