

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031102.D
 Acq On : 03 Sep 2022 22:55
 Operator : JC/MD
 Sample : N4357-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20220823MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/06/2022
 Supervised By : Mahesh Dadoda 09/07/2022

Quant Time: Sep 06 00:19:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	167719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	275388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105293	48.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.580%		
35) Dibromofluoromethane	5.391	113	99638	49.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.160%		
50) Toluene-d8	8.652	98	337439	45.622	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.240%		
62) 4-Bromofluorobenzene	11.079	95	121096	46.355	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74597	43.226	ug/l	99
3) Chloromethane	1.288	50	62433	43.540	ug/l	97
4) Vinyl Chloride	1.373	62	74790	41.487	ug/l	96
5) Bromomethane	1.611	94	48203	59.810	ug/l	97
6) Chloroethane	1.684	64	33209	30.953	ug/l	99
7) Trichlorofluoromethane	1.885	101	151313	49.673	ug/l	95
8) Diethyl Ether	2.135	74	48847	45.979	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.330	101	629754	312.119	ug/l	91
10) Methyl Iodide	2.452	142	138944	69.923	ug/l	96
11) Tert butyl alcohol	3.007	59	116105	267.800	ug/l	99
12) 1,1-Dichloroethene	2.318	96	94852	48.681	ug/l	92
13) Acrolein	2.239	56	69073	174.911	ug/l	100
14) Allyl chloride	2.666	41	102573	39.640	ug/l #	88
15) Acrylonitrile	3.068	53	242917	240.089	ug/l	97
16) Acetone	2.391	43	210921	253.175	ug/l	96
17) Carbon Disulfide	2.513	76	212925	42.079	ug/l	100
18) Methyl Acetate	2.708	43	82836	34.602	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	299616	49.932	ug/l	92
20) Methylene Chloride	2.788	84	101666	50.159	ug/l #	85
21) trans-1,2-Dichloroethene	3.092	96	97613	45.022	ug/l	90
22) Diisopropyl ether	3.763	45	229202	43.959	ug/l #	87
23) Vinyl Acetate	3.727	43	700604	166.357	ug/l #	88
24) 1,1-Dichloroethane	3.611	63	159987	45.538	ug/l	97
25) 2-Butanone	4.568	43	307631	239.185	ug/l #	87
26) 2,2-Dichloropropane	4.476	77	49940	17.813	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	118402	48.726	ug/l	86
28) Bromochloromethane	4.903	49	48706	46.792	ug/l #	56
29) Tetrahydrofuran	5.013	42	188907	227.824	ug/l #	77
30) Chloroform	5.104	83	188170	48.840	ug/l	95
31) Cyclohexane	5.476	56	124497	42.231	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	166428	50.392	ug/l	95
36) 1,1-Dichloropropene	5.696	75	125353	44.531	ug/l	98
37) Ethyl Acetate	4.720	43	89057	36.412	ug/l	94
38) Carbon Tetrachloride	5.683	117	148161	50.706	ug/l	98
39) Methylcyclohexane	7.384	83	145310	41.652	ug/l	92
40) Benzene	6.043	78	383094	47.401	ug/l	97

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41) Methacrylonitrile	4.921	41	63586	48.763	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	137314	51.506	ug/l	99
43) Isopropyl Acetate	6.342	43	152829	39.981	ug/l #	91
44) Trichloroethene	7.128	130	193215	75.532	ug/l	96
45) 1,2-Dichloropropane	7.433	63	90971	43.914	ug/l	99
46) Dibromomethane	7.586	93	75930	48.972	ug/l	89
47) Bromodichloromethane	7.823	83	143451	49.522	ug/l	99
48) Methyl methacrylate	7.695	41	88296	45.754	ug/l #	83
49) 1,4-Dioxane	7.695	88	60422	1029.386	ug/l	90
51) 4-Methyl-2-Pentanone	8.579	43	571688	232.646	ug/l	89
52) Toluene	8.720	92	252442	48.165	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	125759	43.847	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	137422	42.850	ug/l #	91
55) 1,1,2-Trichloroethane	9.152	97	112065	50.294	ug/l	95
56) Ethyl methacrylate	9.122	69	153420	50.366	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	166989	47.398	ug/l	99
59) 2-Hexanone	9.433	43	436584	234.939	ug/l	88
60) Dibromochloromethane	9.524	129	124511	53.816	ug/l	99
61) 1,2-Dibromoethane	9.610	107	122475	52.065	ug/l	98
64) Tetrachloroethene	9.274	164	143597	58.500	ug/l	95
65) Chlorobenzene	10.079	112	284219	48.407	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	112725	51.994	ug/l	97
67) Ethyl Benzene	10.195	91	484296	48.146	ug/l	99
68) m/p-Xylenes	10.305	106	374428	94.909	ug/l	98
69) o-Xylene	10.646	106	187139	48.367	ug/l	97
70) Styrene	10.658	104	311498	49.748	ug/l	99
71) Bromoform	10.805	173	92562	54.907	ug/l #	98
73) Isopropylbenzene	10.963	105	492177	50.293	ug/l	100
74) N-amyl acetate	10.847	43	103682	35.100	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	152949	48.873	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	135436m	47.193	ug/l	
77) Bromobenzene	11.201	156	131004	51.921	ug/l	83
78) n-propylbenzene	11.304	91	536701	48.152	ug/l	98
79) 2-Chlorotoluene	11.365	91	326900	47.630	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	400160	48.590	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	33320	36.489	ug/l	94
82) 4-Chlorotoluene	11.457	91	365830	47.638	ug/l	98
83) tert-Butylbenzene	11.719	119	431466	52.639	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	418941	51.181	ug/l	99
85) sec-Butylbenzene	11.890	105	498353	46.419	ug/l	99
86) p-Isopropyltoluene	12.012	119	407103	47.880	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	219891	45.497	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	242873	50.459	ug/l	94
89) n-Butylbenzene	12.335	91	322323	42.044	ug/l	99
90) Hexachloroethane	12.542	117	73881	47.948	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	220304	44.443	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	37316	48.940	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	167736	53.467	ug/l	97
94) Hexachlorobutadiene	13.725	225	63516	46.241	ug/l	99
95) Naphthalene	13.780	128	588803	53.509	ug/l	100
96) 1,2,3-Trichlorobenzene	13.962	180	178296	54.180	ug/l	93

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

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