

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
 Data File : VX030046.D
 Acq On : 13 Jul 2022 15:41
 Operator : JC/MD
 Sample : N3695-08MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-01E-84MSD

Quant Time: Jul 14 04:56:47 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2022
 Supervised By : Mahesh Dadoda 07/14/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	185817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	325545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	301838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111097	49.120	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.240%		
35) Dibromofluoromethane	5.391	113	101251	48.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.380%		
50) Toluene-d8	8.653	98	391533	50.057	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.120%		
62) 4-Bromofluorobenzene	11.085	95	147732	54.427	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108429	51.402	ug/l	99
3) Chloromethane	1.288	50	105918	54.701	ug/l	99
4) Vinyl Chloride	1.374	62	160799	74.766	ug/l	99
5) Bromomethane	1.599	94	39932	43.708	ug/l	99
6) Chloroethane	1.679	64	63025	52.038	ug/l	100
7) Trichlorofluoromethane	1.880	101	144599	52.060	ug/l	99
8) Diethyl Ether	2.136	74	59159	51.484	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	92626	48.849	ug/l	96
10) Methyl Iodide	2.447	142	91898	49.395	ug/l	100
11) Tert butyl alcohol	2.977	59	136595	234.005	ug/l	98
12) 1,1-Dichloroethene	2.319	96	178667	94.373	ug/l	95
13) Acrolein	2.239	56	28186	242.444	ug/l	95
14) Allyl chloride	2.660	41	173501	52.442	ug/l	98
15) Acrylonitrile	3.069	53	349111	263.155	ug/l	100
16) Acetone	2.386	43	313196	293.876	ug/l	95
17) Carbon Disulfide	2.508	76	271457	51.250	ug/l	97
18) Methyl Acetate	2.709	43	152165	46.933	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	312609	52.239	ug/l	99
20) Methylene Chloride	2.788	84	345217	164.542	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	107817	54.637	ug/l	95
22) Diisopropyl ether	3.764	45	343053	52.973	ug/l	99
23) Vinyl Acetate	3.727	43	1472714	268.633	ug/l	99
24) 1,1-Dichloroethane	3.611	63	246800	68.774	ug/l	100
25) 2-Butanone	4.562	43	487142	268.335	ug/l	99
26) 2,2-Dichloropropane	4.477	77	111399	44.192	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	297927	123.287	ug/l	92
28) Bromochloromethane	4.904	49	75440	49.971	ug/l	95
29) Tetrahydrofuran	5.013	42	320723	260.320	ug/l	100
30) Chloroform	5.099	83	248841	69.582	ug/l	99
31) Cyclohexane	5.477	56	167911	51.212	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	153583	52.545	ug/l	99
36) 1,1-Dichloropropene	5.696	75	140327	52.238	ug/l	99
37) Ethyl Acetate	4.721	43	173167	50.166	ug/l	98
38) Carbon Tetrachloride	5.678	117	181928	72.623	ug/l	97
39) Methylcyclohexane	7.385	83	173787	51.033	ug/l	97
40) Benzene	6.044	78	449057	53.111	ug/l	97

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41) Methacrylonitrile	4.928	41	95653	51.465	ug/l	97
42) 1,2-Dichloroethane	6.092	62	136999	52.282	ug/l	99
43) Isopropyl Acetate	6.348	43	267781	51.590	ug/l	100
44) Trichloroethene	7.129	130	1512708	612.258	ug/l	98
45) 1,2-Dichloropropane	7.434	63	123416	56.156	ug/l	99
46) Dibromomethane	7.586	93	78420	51.844	ug/l	98
47) Bromodichloromethane	7.824	83	142004	51.738	ug/l	96
48) Methyl methacrylate	7.696	41	131666	54.976	ug/l	98
49) 1,4-Dioxane	7.665	88	66159	1063.244	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	930775	270.984	ug/l	100
52) Toluene	8.726	92	292177	54.419	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	153702	53.912	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	169506	51.899	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	116437	52.589	ug/l #	92
56) Ethyl methacrylate	9.147	69	186471	56.016	ug/l	99
57) 1,3-Dichloropropane	9.336	76	81869	23.277	ug/l	97
59) 2-Hexanone	9.439	43	723302	274.601	ug/l	100
60) Dibromochloromethane	9.323	129	28354248	13144.996	ug/l #	11
61) 1,2-Dibromoethane	9.616	107	125269	54.362	ug/l	97
64) Tetrachloroethene	9.323	164	27356741	11290.612	ug/l	96
65) Chlorobenzene	10.086	112	304440	50.652	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	107504	52.465	ug/l	100
67) Ethyl Benzene	10.195	91	535747	52.592	ug/l	99
68) m/p-Xylenes	10.305	106	422424	105.728	ug/l	99
69) o-Xylene	10.646	106	218152	54.531	ug/l	97
70) Styrene	10.659	104	352591	53.101	ug/l	100
71) Bromoform	10.805	173	88236	53.598	ug/l #	98
73) Isopropylbenzene	10.963	105	531234	52.136	ug/l	100
74) N-amyl acetate	10.848	43	247013	55.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	185779	50.537	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	168070m	49.953	ug/l	
77) Bromobenzene	11.201	156	128941	50.577	ug/l	99
78) n-propylbenzene	11.305	91	638549	52.824	ug/l	100
79) 2-Chlorotoluene	11.366	91	371597	51.323	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	437491	50.955	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	63395	54.377	ug/l	97
82) 4-Chlorotoluene	11.457	91	427689	52.722	ug/l	99
83) tert-Butylbenzene	11.719	119	428662	52.062	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	448161	52.772	ug/l	98
85) sec-Butylbenzene	11.896	105	560706	51.512	ug/l	99
86) p-Isopropyltoluene	12.012	119	450793	51.622	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	243790	51.755	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	242879	50.245	ug/l	98
89) n-Butylbenzene	12.335	91	415221	53.069	ug/l	99
90) Hexachloroethane	12.542	117	1486680	995.891	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	232590	48.602	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43898	52.298	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	141840	48.255	ug/l	99
94) Hexachlorobutadiene	13.725	225	50169	42.750	ug/l	100
95) Naphthalene	13.780	128	558358	47.856	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	140072	46.834	ug/l	98

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

