

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031049.D
 Acq On : 02 Sep 2022 02:46
 Operator : JC/MD
 Sample : N4297-17MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20220821MS

Quant Time: Sep 02 04:56:19 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	296197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	513043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	451654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	221583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	216581	56.828	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.660%			
35) Dibromofluoromethane	5.391	113	208882	55.791	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.580%			
50) Toluene-d8	8.653	98	631261	45.812	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.620%			
62) 4-Bromofluorobenzene	11.085	95	232952	47.865	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	111836	36.695	ug/l	99
3) Chloromethane	1.288	50	120919	48.502	ug/l	99
4) Vinyl Chloride	1.374	62	143253	44.996	ug/l	96
5) Bromomethane	1.611	94	69181	48.606	ug/l	100
6) Chloroethane	1.685	64	54436	28.349	ug/l	99
7) Trichlorofluoromethane	1.880	101	230082	42.769	ug/l	96
8) Diethyl Ether	2.136	74	107184	57.128	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	123957	34.787	ug/l	94
10) Methyl Iodide	2.453	142	205984	59.163	ug/l	97
11) Tert butyl alcohol	3.056	59	228121	300.586	ug/l #	85
12) 1,1-Dichloroethene	2.319	96	160347	46.599	ug/l	93
13) Acrolein	2.239	56	149070	213.747	ug/l	99
14) Allyl chloride	2.666	41	221783	48.532	ug/l #	92
15) Acrylonitrile	3.075	53	524976	293.802	ug/l	98
16) Acetone	2.392	43	429763	292.100	ug/l	96
17) Carbon Disulfide	2.508	76	369053	41.298	ug/l	98
18) Methyl Acetate	2.709	43	196839	46.557	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	639108	60.310	ug/l	93
20) Methylene Chloride	2.788	84	217022	61.107	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	178029	46.495	ug/l	90
22) Diisopropyl ether	3.770	45	514069	55.828	ug/l #	78
23) Vinyl Acetate	3.727	43	1741665	234.172	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	323501	52.139	ug/l	99
25) 2-Butanone	4.568	43	660992	291.006	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	147795	29.850	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	228350	53.211	ug/l	89
28) Bromochloromethane	4.903	49	102838	55.943	ug/l #	60
29) Tetrahydrofuran	5.013	42	408876	279.219	ug/l #	79
30) Chloroform	5.099	83	361388	53.113	ug/l	99
31) Cyclohexane	5.477	56	183592	35.264	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	282512	48.437	ug/l	95
36) 1,1-Dichloropropene	5.696	75	206778	39.429	ug/l	98
37) Ethyl Acetate	4.727	43	206002	45.210	ug/l #	93
38) Carbon Tetrachloride	5.684	117	234225	43.028	ug/l	98
39) Methylcyclohexane	7.385	83	202798	31.203	ug/l	94
40) Benzene	6.037	78	725857	48.209	ug/l	96

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41) Methacrylonitrile	4.928	41	137746	56.702	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	265801	53.516	ug/l	98
43) Isopropyl Acetate	6.348	43	350592	49.231	ug/l #	91
44) Trichloroethene	7.129	130	220349	46.237	ug/l	96
45) 1,2-Dichloropropane	7.434	63	189638	49.138	ug/l	100
46) Dibromomethane	7.586	93	154999	53.660	ug/l	92
47) Bromodichloromethane	7.824	83	285982	52.994	ug/l	95
48) Methyl methacrylate	7.696	41	189255	52.641	ug/l #	84
49) 1,4-Dioxane	7.696	88	118703	1085.516	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	1245362	272.034	ug/l	89
52) Toluene	8.720	92	442251	45.293	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	274291	51.333	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	291997	48.872	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	231708	55.818	ug/l	97
56) Ethyl methacrylate	9.122	69	333193	58.714	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	345070	52.574	ug/l	100
59) 2-Hexanone	9.439	43	930928	268.903	ug/l	87
60) Dibromochloromethane	9.525	129	249419	57.866	ug/l	99
61) 1,2-Dibromoethane	9.610	107	244692	55.835	ug/l	99
64) Tetrachloroethene	9.275	164	206176	45.720	ug/l	96
65) Chlorobenzene	10.079	112	493202	45.723	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	209898	52.698	ug/l	98
67) Ethyl Benzene	10.195	91	806621	43.649	ug/l	99
68) m/p-Xylenes	10.305	106	631398	87.115	ug/l	100
69) o-Xylene	10.646	106	328047	46.150	ug/l	100
70) Styrene	10.659	104	560931	48.762	ug/l	99
71) Bromoform	10.805	173	190825	61.615	ug/l	99
73) Isopropylbenzene	10.963	105	779508	43.640	ug/l	99
74) N-amyl acetate	10.848	43	253520	47.021	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	300796	52.660	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	276936m	52.870	ug/l	
77) Bromobenzene	11.201	156	231412	50.249	ug/l	87
78) n-propylbenzene	11.305	91	869164	42.724	ug/l	98
79) 2-Chlorotoluene	11.366	91	548798	43.809	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	675509	44.939	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	85556	51.332	ug/l	90
82) 4-Chlorotoluene	11.457	91	631019	45.019	ug/l	98
83) tert-Butylbenzene	11.719	119	644763	43.097	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	689176	46.129	ug/l	99
85) sec-Butylbenzene	11.890	105	786266	40.124	ug/l	98
86) p-Isopropyltoluene	12.012	119	671754	43.286	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	401795	45.548	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	402672	45.835	ug/l	97
89) n-Butylbenzene	12.335	91	544220	38.892	ug/l	98
90) Hexachloroethane	12.542	117	119889	42.628	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	413860	45.743	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	76151	54.718	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	298288	52.093	ug/l	98
94) Hexachlorobutadiene	13.725	225	96245	38.389	ug/l	98
95) Naphthalene	13.780	128	1259777	62.724	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	324564	54.036	ug/l	98

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

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