

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031050.D
 Acq On : 02 Sep 2022 03:10
 Operator : JC/MD
 Sample : N4297-18MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D2-20220821MSD

Quant Time: Sep 02 04:56:42 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	367256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	616422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	546068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	224949	47.604	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.200%		
35) Dibromofluoromethane	5.391	113	217778	48.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.820%		
50) Toluene-d8	8.653	98	738217	44.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.180%		
62) 4-Bromofluorobenzene	11.085	95	272655	46.628	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	157179	41.594	ug/l	98
3) Chloromethane	1.288	50	132623	42.045	ug/l	99
4) Vinyl Chloride	1.374	62	165331	41.883	ug/l	99
5) Bromomethane	1.611	94	94460	53.526	ug/l	99
6) Chloroethane	1.685	64	62532	25.980	ug/l	100
7) Trichlorofluoromethane	1.880	101	294471	44.147	ug/l	93
8) Diethyl Ether	2.136	74	108572	46.671	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	172780	39.107	ug/l	92
10) Methyl Iodide	2.453	142	235327	54.742	ug/l	99
11) Tert butyl alcohol	3.081	59	268293	283.907	ug/l #	74
12) 1,1-Dichloroethene	2.319	96	192789	45.186	ug/l	89
13) Acrolein	2.239	56	149053	172.371	ug/l	98
14) Allyl chloride	2.666	41	240957	42.525	ug/l #	92
15) Acrylonitrile	3.075	53	549591	248.066	ug/l	99
16) Acetone	2.398	43	466629	255.791	ug/l	97
17) Carbon Disulfide	2.508	76	451196	40.721	ug/l	99
18) Methyl Acetate	2.709	43	201950	38.524	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	650392	49.500	ug/l	95
20) Methylene Chloride	2.788	84	219909	49.520	ug/l #	87
21) trans-1,2-Dichloroethene	3.093	96	205696	43.327	ug/l	90
22) Diisopropyl ether	3.764	45	525354	46.015	ug/l #	88
23) Vinyl Acetate	3.727	43	1719759	186.487	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	345462	44.905	ug/l	97
25) 2-Butanone	4.574	43	709416	251.894	ug/l #	85
26) 2,2-Dichloropropane	4.471	77	162164	26.415	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	248838	46.766	ug/l	89
28) Bromochloromethane	4.904	49	104867	46.009	ug/l #	60
29) Tetrahydrofuran	5.019	42	429086	236.325	ug/l #	78
30) Chloroform	5.099	83	390511	46.289	ug/l	96
31) Cyclohexane	5.471	56	248880	38.555	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	336261	46.497	ug/l	95
36) 1,1-Dichloropropene	5.696	75	257965	40.940	ug/l	97
37) Ethyl Acetate	4.727	43	208732	38.127	ug/l	94
38) Carbon Tetrachloride	5.684	117	292455	44.715	ug/l	95
39) Methylcyclohexane	7.385	83	288221	36.909	ug/l	93
40) Benzene	6.044	78	819278	45.288	ug/l	99

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41) Methacrylonitrile	4.928	41	140128	48.009	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	276954	46.410	ug/l	99
43) Isopropyl Acetate	6.348	43	363384	42.470	ug/l #	90
44) Trichloroethene	7.129	130	255501	44.622	ug/l	93
45) 1,2-Dichloropropane	7.434	63	203992	43.992	ug/l	99
46) Dibromomethane	7.586	93	162882	46.932	ug/l	92
47) Bromodichloromethane	7.824	83	306535	47.276	ug/l	98
48) Methyl methacrylate	7.696	41	198552	45.965	ug/l #	83
49) 1,4-Dioxane	7.708	88	141581	1077.594	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	1294211	235.293	ug/l	88
52) Toluene	8.720	92	523196	44.596	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	295424	46.016	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	317879	44.281	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	238862	47.892	ug/l	97
56) Ethyl methacrylate	9.122	69	341620	50.103	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	360546	45.719	ug/l	100
59) 2-Hexanone	9.439	43	983378	236.415	ug/l	87
60) Dibromochloromethane	9.525	129	266988	51.554	ug/l	100
61) 1,2-Dibromoethane	9.610	107	262257	49.807	ug/l	100
64) Tetrachloroethene	9.275	164	248496	45.577	ug/l	96
65) Chlorobenzene	10.079	112	589842	45.227	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	236869	49.187	ug/l	98
67) Ethyl Benzene	10.195	91	1005736	45.014	ug/l	100
68) m/p-Xylenes	10.305	106	778629	88.855	ug/l	100
69) o-Xylene	10.646	106	391632	45.570	ug/l	99
70) Styrene	10.659	104	664083	47.748	ug/l	99
71) Bromoform	10.805	173	205071	54.766	ug/l	100
73) Isopropylbenzene	10.963	105	1007610	46.320	ug/l	100
74) N-amyl acetate	10.848	43	262478	39.974	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	320492	46.071	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	294403m	46.151	ug/l	
77) Bromobenzene	11.201	156	267762	47.742	ug/l	87
78) n-propylbenzene	11.305	91	1119669	45.192	ug/l	97
79) 2-Chlorotoluene	11.366	91	684984	44.899	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	849354	46.397	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	91521	45.089	ug/l	90
82) 4-Chlorotoluene	11.457	91	778199	45.588	ug/l	97
83) tert-Butylbenzene	11.719	119	814897	44.726	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	854147	46.944	ug/l	99
85) sec-Butylbenzene	11.890	105	1039411	43.554	ug/l	99
86) p-Isopropyltoluene	12.012	119	868851	45.971	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	480933	44.766	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	482657	45.112	ug/l	98
89) n-Butylbenzene	12.335	91	739650	43.403	ug/l	97
90) Hexachloroethane	12.542	117	168748	49.268	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	482260	43.768	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	78734	46.454	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	368571	52.853	ug/l	97
94) Hexachlorobutadiene	13.725	225	132029	43.242	ug/l	98
95) Naphthalene	13.780	128	1298373	53.081	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	373288	51.031	ug/l	96

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

