

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026981.D
 Acq On : 11 Feb 2022 20:43
 Operator : JC/MD
 Sample : N1497-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5MSD

Quant Time: Feb 12 04:35:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2022
 Supervised By : Mahesh Dadoda 02/15/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	85569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	140719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54101	52.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.340%			
35) Dibromofluoromethane	5.391	113	43490	51.874	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	8.653	98	164503	53.454	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.900%			
62) 4-Bromofluorobenzene	11.085	95	59011	54.465	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	47689	51.255	ug/l	99
3) Chloromethane	1.295	50	44948	51.929	ug/l	99
4) Vinyl Chloride	1.374	62	45737	50.477	ug/l	97
5) Bromomethane	1.605	94	17529	45.590	ug/l	98
6) Chloroethane	1.691	64	27253	56.162	ug/l	99
7) Trichlorofluoromethane	1.892	101	67154	50.363	ug/l	98
8) Diethyl Ether	2.136	74	24561	49.725	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	44131	50.492	ug/l	99
10) Methyl Iodide	2.459	142	61614	50.789	ug/l	97
11) Tert butyl alcohol	2.971	59	44383	239.182	ug/l	97
12) 1,1-Dichloroethene	2.325	96	43586	49.771	ug/l	90
13) Acrolein	2.239	56	46730	272.505	ug/l	99
14) Allyl chloride	2.666	41	80685	52.014	ug/l	96
15) Acrylonitrile	3.069	53	144221	271.219	ug/l	99
16) Acetone	2.380	43	120929	268.052	ug/l	97
17) Carbon Disulfide	2.514	76	116601	47.034	ug/l	100
18) Methyl Acetate	2.703	43	61219	47.163	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	153413	49.493	ug/l	98
20) Methylene Chloride	2.794	84	49830	50.976	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	46667	50.641	ug/l	97
22) Diisopropyl ether	3.764	45	160447	51.375	ug/l	100
23) Vinyl Acetate	3.727	43	663773	252.793	ug/l	99
24) 1,1-Dichloroethane	3.617	63	87461	51.754	ug/l	100
25) 2-Butanone	4.562	43	198216	272.701	ug/l	99
26) 2,2-Dichloropropane	4.483	77	57795	50.617	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	54894	51.882	ug/l	97
28) Bromochloromethane	4.904	49	36192	51.664	ug/l	98
29) Tetrahydrofuran	5.013	42	131300	265.711	ug/l	99
30) Chloroform	5.099	83	90046	51.285	ug/l	100
31) Cyclohexane	5.477	56	81722	50.072	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	78459	50.683	ug/l	100
36) 1,1-Dichloropropene	5.702	75	66668	50.407	ug/l	99
37) Ethyl Acetate	4.715	43	73272	48.748	ug/l	99
38) Carbon Tetrachloride	5.684	117	69592	50.177	ug/l	97
39) Methylcyclohexane	7.385	83	82318	50.752	ug/l	97
40) Benzene	6.044	78	196530	50.985	ug/l	100

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41) Methacrylonitrile	4.922	41	43412	53.289	ug/l	97
42) 1,2-Dichloroethane	6.092	62	71277	52.475	ug/l	98
43) Isopropyl Acetate	6.342	43	117375	50.753	ug/l	99
44) Trichloroethene	7.129	130	56330	48.670	ug/l	97
45) 1,2-Dichloropropane	7.434	63	50212	51.485	ug/l	99
46) Dibromomethane	7.586	93	35431	52.503	ug/l	98
47) Bromodichloromethane	7.824	83	69992	54.160	ug/l	98
48) Methyl methacrylate	7.696	41	60434	52.740	ug/l	98
49) 1,4-Dioxane	7.671	88	18701	947.074	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	386605	275.863	ug/l	98
52) Toluene	8.720	92	125425	51.394	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	70506	50.386	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	78130	54.750	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	51230	55.449	ug/l	98
56) Ethyl methacrylate	9.116	69	79921	54.571	ug/l	97
57) 1,3-Dichloropropane	9.311	76	86994	54.833	ug/l	100
59) 2-Hexanone	9.433	43	281817	274.927	ug/l	98
60) Dibromochloromethane	9.525	129	54352	57.174	ug/l	100
61) 1,2-Dibromoethane	9.610	107	53262	54.563	ug/l	100
64) Tetrachloroethene	9.275	164	57778	45.530	ug/l	95
65) Chlorobenzene	10.080	112	133867	51.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	49918	51.930	ug/l	99
67) Ethyl Benzene	10.195	91	239763	51.842	ug/l	99
68) m/p-Xylenes	10.305	106	183540	103.147	ug/l	98
69) o-Xylene	10.646	106	89219	51.170	ug/l	97
70) Styrene	10.659	104	148346	52.459	ug/l	98
71) Bromoform	10.799	173	35795	48.153	ug/l #	99
73) Isopropylbenzene	10.964	105	234571	52.050	ug/l	99
74) N-amyl acetate	10.848	43	90618	50.323	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	66276	54.191	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	65258m	52.104	ug/l	
77) Bromobenzene	11.201	156	55409	51.724	ug/l	96
78) n-propylbenzene	11.305	91	266714	53.384	ug/l	99
79) 2-Chlorotoluene	11.366	91	159361	51.624	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	191197	51.548	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19419	48.581	ug/l	95
82) 4-Chlorotoluene	11.457	91	180217	52.040	ug/l	98
83) tert-Butylbenzene	11.719	119	184951	52.317	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	193763	51.791	ug/l	98
85) sec-Butylbenzene	11.890	105	236344	52.742	ug/l	100
86) p-Isopropyltoluene	12.012	119	197750	52.090	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	101829	51.875	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	101189	51.115	ug/l	99
89) n-Butylbenzene	12.335	91	166857	53.721	ug/l	99
90) Hexachloroethane	12.542	117	30816	56.164	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	97642	51.552	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16116	53.585	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	62655	52.416	ug/l	99
94) Hexachlorobutadiene	13.725	225	25010	49.466	ug/l	98
95) Naphthalene	13.780	128	218462	52.176	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62346	51.510	ug/l	98

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

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