

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029064.D
 Acq On : 28 May 2022 07:55
 Operator : JC/MD
 Sample : N3022-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N3022-05MSDMSD

Quant Time: May 28 08:41:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/31/2022
 Supervised By : Mahesh Dadoda 05/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	242487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	417344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155087	46.658	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.320%		
35) Dibromofluoromethane	5.391	113	137025	50.112	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.220%		
50) Toluene-d8	8.653	98	481768	46.732	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.460%		
62) 4-Bromofluorobenzene	11.085	95	189418	49.193	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.380%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	228244	71.885	ug/l	98
3) Chloromethane	1.288	50	139800	46.752	ug/l	100
4) Vinyl Chloride	1.374	62	492322	152.779	ug/l	99
5) Bromomethane	1.605	94	137831	61.792	ug/l	100
6) Chloroethane	1.679	64	97427	47.904	ug/l	97
7) Trichlorofluoromethane	1.886	101	233357	45.421	ug/l	97
8) Diethyl Ether	2.136	74	94115	50.274	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	237138	87.713	ug/l	99
10) Methyl Iodide	2.453	142	165071	50.999	ug/l	97
11) Tert butyl alcohol	3.026	59	195520m	278.068	ug/l	
12) 1,1-Dichloroethene	2.319	96	167435	66.717	ug/l	98
13) Acrolein	2.239	56	73072	133.933	ug/l	98
14) Allyl chloride	2.666	41	207643	51.587	ug/l	97
15) Acrylonitrile	3.069	53	447862	279.654	ug/l	100
16) Acetone	2.386	43	368562	258.358	ug/l	95
17) Carbon Disulfide	2.514	76	261482	40.194	ug/l	99
18) Methyl Acetate	2.703	43	179687	50.291	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	519448	58.327	ug/l	99
20) Methylene Chloride	2.788	84	158375	52.918	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	166342	58.844	ug/l	96
22) Diisopropyl ether	3.764	45	479737	55.773	ug/l	95
23) Vinyl Acetate	3.721	43	1750997	236.134	ug/l	98
24) 1,1-Dichloroethane	3.611	63	281174	56.228	ug/l	99
25) 2-Butanone	4.562	43	587723	262.467	ug/l	99
26) 2,2-Dichloropropane	4.483	77	147010	37.495	ug/l #	1
27) cis-1,2-Dichloroethene	4.495	96	6822091	2066.309	ug/l	85
28) Bromochloromethane	4.897	49	94905	45.089	ug/l	99
29) Tetrahydrofuran	5.007	42	385014	264.519	ug/l	95
30) Chloroform	5.099	83	306483	56.631	ug/l	100
31) Cyclohexane	5.471	56	215012	46.602	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	263323	55.734	ug/l	98
36) 1,1-Dichloropropene	5.696	75	203814	49.626	ug/l	98
37) Ethyl Acetate	4.715	43	201233	46.911	ug/l #	79
38) Carbon Tetrachloride	5.684	117	226260	54.743	ug/l	99
39) Methylcyclohexane	7.385	83	225004	47.772	ug/l	94
40) Benzene	6.044	78	633818	53.698	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	127073	55.249	ug/l	96
42) 1,2-Dichloroethane	6.092	62	227555	52.266	ug/l	100
43) Isopropyl Acetate	6.342	43	335481	49.990	ug/l	99
44) Trichloroethene	7.159	130	22159591	6922.360	ug/l	97
45) 1,2-Dichloropropane	7.434	63	162635	55.226	ug/l	99
46) Dibromomethane	7.586	93	118947	54.085	ug/l	97
47) Bromodichloromethane	7.824	83	238531	58.419	ug/l	98
48) Methyl methacrylate	7.696	41	176108	54.323	ug/l	94
49) 1,4-Dioxane	7.684	88	79139	977.163	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	1156206	261.558	ug/l	98
52) Toluene	8.720	92	413379	54.443	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	236501	50.308	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	253162	55.103	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	178509	57.655	ug/l	99
56) Ethyl methacrylate	9.116	69	274265	58.496	ug/l	95
57) 1,3-Dichloropropane	9.311	76	293545	56.212	ug/l	99
59) 2-Hexanone	9.433	43	856746	249.462	ug/l	96
60) Dibromochloromethane	9.525	129	188945	62.574	ug/l	96
61) 1,2-Dibromoethane	9.610	107	185472	57.035	ug/l	99
64) Tetrachloroethene	9.275	164	174813	61.531	ug/l	98
65) Chlorobenzene	10.079	112	451160	56.527	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	178049	62.975	ug/l	99
67) Ethyl Benzene	10.195	91	786022	54.945	ug/l	97
68) m/p-Xylenes	10.305	106	617183	110.813	ug/l	98
69) o-Xylene	10.646	106	306675	55.926	ug/l	100
70) Styrene	10.659	104	515794	57.922	ug/l	99
71) Bromoform	10.805	173	136084	57.783	ug/l	99
73) Isopropylbenzene	10.963	105	791708	55.538	ug/l	100
74) N-amyl acetate	10.848	43	259865	46.374	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	275028	56.238	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	236196m	53.653	ug/l	
77) Bromobenzene	11.201	156	198722	58.916	ug/l	98
78) n-propylbenzene	11.305	91	891768	54.081	ug/l	99
79) 2-Chlorotoluene	11.366	91	552942	54.711	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	669829	56.391	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	69347	47.226	ug/l	93
82) 4-Chlorotoluene	11.457	91	635180	54.364	ug/l	99
83) tert-Butylbenzene	11.719	119	696152	60.532	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	673178	56.516	ug/l	100
85) sec-Butylbenzene	11.890	105	814084	57.386	ug/l	100
86) p-Isopropyltoluene	12.012	119	685594	57.594	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	367042	55.479	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	369657	53.868	ug/l	98
89) n-Butylbenzene	12.335	91	556569	53.962	ug/l	99
90) Hexachloroethane	12.542	117	116812	60.681	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	368651	56.723	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	60656	58.086	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	225116	59.971	ug/l	99
94) Hexachlorobutadiene	13.725	225	89614	58.765	ug/l	94
95) Naphthalene	13.774	128	817113	61.172	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	229450	60.860	ug/l	97

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

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

