

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028866.D
 Acq On : 20 May 2022 21:12
 Operator : JC/MD
 Sample : N2958-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20220516MSD

Quant Time: May 20 23:35:14 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 :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	275907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	460593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	416275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194177	51.342	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.680%			
35) Dibromofluoromethane	5.391	113	152228	50.444	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.880%			
50) Toluene-d8	8.653	98	547770	48.145	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.300%			
62) 4-Bromofluorobenzene	11.079	95	212856	50.089	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	164974	45.665	ug/l	99
3) Chloromethane	1.288	50	136666	40.168	ug/l	99
4) Vinyl Chloride	1.374	62	152495	41.591	ug/l	99
5) Bromomethane	1.611	94	113728	43.100	ug/l	99
6) Chloroethane	1.679	64	100223	43.089	ug/l	99
7) Trichlorofluoromethane	1.886	101	250676	42.882	ug/l	97
8) Diethyl Ether	2.136	74	89275	41.913	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	141414	45.971	ug/l	97
10) Methyl Iodide	2.453	142	147771	40.124	ug/l	93
11) Tert butyl alcohol	3.020	59	195683m	243.597	ug/l	
12) 1,1-Dichloroethene	2.319	96	125629	43.995	ug/l	95
13) Acrolein	2.239	56	120076	193.428	ug/l	98
14) Allyl chloride	2.666	41	205803	44.936	ug/l	92
15) Acrylonitrile	3.068	53	428422	235.112	ug/l	99
16) Acetone	2.386	43	389543	239.990	ug/l	91
17) Carbon Disulfide	2.514	76	291168	39.336	ug/l	99
18) Methyl Acetate	2.709	43	182863	44.980	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	491639	48.518	ug/l	99
20) Methylene Chloride	2.788	84	146723	43.086	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	140328	43.628	ug/l	97
22) Diisopropyl ether	3.763	45	446799	45.652	ug/l	92
23) Vinyl Acetate	3.721	43	1815317	215.155	ug/l	96
24) 1,1-Dichloroethane	3.611	63	266968	46.921	ug/l	99
25) 2-Butanone	4.562	43	605875	237.800	ug/l	94
26) 2,2-Dichloropropane	4.477	77	181712	40.732	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	171229	45.581	ug/l	99
28) Bromochloromethane	4.897	49	108909	45.475	ug/l	97
29) Tetrahydrofuran	5.007	42	386619	233.447	ug/l	93
30) Chloroform	5.099	83	292186	47.449	ug/l	99
31) Cyclohexane	5.477	56	224560	42.776	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	260231	48.408	ug/l	100
36) 1,1-Dichloropropene	5.696	75	202838	44.751	ug/l	99
37) Ethyl Acetate	4.715	43	215365	45.491	ug/l	98
38) Carbon Tetrachloride	5.678	117	225356	49.404	ug/l	99
39) Methylcyclohexane	7.385	83	235042	45.218	ug/l	98
40) Benzene	6.044	78	594158	45.611	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	124041	48.866	ug/l	93
42) 1,2-Dichloroethane	6.092	62	237291	49.385	ug/l	97
43) Isopropyl Acetate	6.342	43	341303	46.082	ug/l	96
44) Trichloroethene	7.129	130	262628	74.338	ug/l	96
45) 1,2-Dichloropropane	7.434	63	150739	46.380	ug/l	97
46) Dibromomethane	7.580	93	113581	46.796	ug/l	95
47) Bromodichloromethane	7.824	83	222698	49.420	ug/l	100
48) Methyl methacrylate	7.696	41	175962	49.181	ug/l	89
49) 1,4-Dioxane	7.677	88	84065	940.521	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1161609	238.106	ug/l	95
52) Toluene	8.720	92	386658	46.142	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	222305	43.091	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	238881	47.113	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	160449	46.956	ug/l	98
56) Ethyl methacrylate	9.116	69	252707	48.837	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	271571	47.121	ug/l	99
59) 2-Hexanone	9.433	43	899208	237.241	ug/l	92
60) Dibromochloromethane	9.525	129	168733	50.633	ug/l	97
61) 1,2-Dibromoethane	9.610	107	173008	48.207	ug/l	100
64) Tetrachloroethene	9.275	164	148298	47.175	ug/l	96
65) Chlorobenzene	10.079	112	414242	46.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	159853	51.099	ug/l	98
67) Ethyl Benzene	10.195	91	752698	47.553	ug/l	99
68) m/p-Xylenes	10.305	106	578319	93.844	ug/l	97
69) o-Xylene	10.640	106	286990	47.301	ug/l	96
70) Styrene	10.659	104	478400	48.554	ug/l	97
71) Bromoform	10.799	173	117553	45.518	ug/l	100
73) Isopropylbenzene	10.963	105	757008	47.815	ug/l	99
74) N-amyl acetate	10.848	43	268136	43.085	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	250373	46.097	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	229873m	47.017	ug/l	
77) Bromobenzene	11.201	156	177797	47.463	ug/l	95
78) n-propylbenzene	11.305	91	850512	46.442	ug/l	100
79) 2-Chlorotoluene	11.366	91	527548	47.000	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	640103	48.522	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	66261	41.171	ug/l #	84
82) 4-Chlorotoluene	11.457	91	614095	47.325	ug/l	98
83) tert-Butylbenzene	11.713	119	633479	49.596	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	640370	48.407	ug/l	99
85) sec-Butylbenzene	11.890	105	762171	48.376	ug/l	99
86) p-Isopropyltoluene	12.012	119	650550	49.207	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	338154	46.022	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	338041	44.355	ug/l	97
89) n-Butylbenzene	12.335	91	537272	46.903	ug/l	99
90) Hexachloroethane	12.542	117	104296	48.783	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	333426	46.193	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	61851	53.332	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	198336	47.575	ug/l	98
94) Hexachlorobutadiene	13.725	225	80592	47.585	ug/l	94
95) Naphthalene	13.780	128	752257	50.708	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	205179	49.002	ug/l	95

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

