

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073234.D
 Acq On : 29 Jun 2022 11:02
 Operator : JC\MD
 Sample : VN0629WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jun 29 15:40:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	246122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	418958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	380149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	177862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	181756	51.155	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.320%			
35) Dibromofluoromethane	7.951	113	140197	50.297	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.600%			
50) Toluene-d8	10.375	98	495366	50.038	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.080%			
62) 4-Bromofluorobenzene	12.669	95	194803	51.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	73379	20.392	ug/l	99
3) Chloromethane	2.269	50	67934	19.446	ug/l	99
4) Vinyl Chloride	2.410	62	59328	19.987	ug/l	98
5) Bromomethane	2.810	94	31138	22.210	ug/l	91
6) Chloroethane	2.969	64	34291	19.639	ug/l	90
7) Trichlorofluoromethane	3.322	101	101304	19.741	ug/l	92
8) Diethyl Ether	3.763	74	42639	20.411	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.140	101	58671	19.349	ug/l	96
10) Methyl Iodide	4.351	142	57332	16.847	ug/l	94
11) Tert butyl alcohol	5.281	59	72386	84.101	ug/l	99
12) 1,1-Dichloroethene	4.116	96	54540	18.824	ug/l	97
13) Acrolein	3.975	56	48736	89.584	ug/l	95
14) Allyl chloride	4.757	41	117340	19.224	ug/l #	95
15) Acrylonitrile	5.469	53	217859	98.326	ug/l	100
16) Acetone	4.216	43	191626	96.083	ug/l	96
17) Carbon Disulfide	4.457	76	141480	18.832	ug/l	98
18) Methyl Acetate	4.775	43	107309	19.200	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	212562	20.129	ug/l	99
20) Methylene Chloride	5.016	84	66863	19.077	ug/l	89
21) trans-1,2-Dichloroethene	5.516	96	59316	19.593	ug/l	98
22) Diisopropyl ether	6.404	45	236115	20.731	ug/l	94
23) Vinyl Acetate	6.345	43	1061447	104.091	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	120078	20.373	ug/l	99
25) 2-Butanone	7.257	43	308408	97.128	ug/l	92
26) 2,2-Dichloropropane	7.239	77	100480	18.433	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	72390	19.746	ug/l	96
28) Bromochloromethane	7.581	49	51614	20.910	ug/l #	85
29) Tetrahydrofuran	7.610	42	213944	98.402	ug/l	86
30) Chloroform	7.745	83	117721	19.830	ug/l	99
31) Cyclohexane	8.022	56	109447	18.809	ug/l	93
32) 1,1,1-Trichloroethane	7.934	97	101977	19.276	ug/l	98
36) 1,1-Dichloropropene	8.145	75	85791	20.003	ug/l	98
37) Ethyl Acetate	7.334	43	131165	20.240	ug/l #	95
38) Carbon Tetrachloride	8.128	117	86050	19.401	ug/l	98
39) Methylcyclohexane	9.392	83	105316	19.723	ug/l	95
40) Benzene	8.386	78	267882	20.238	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	60198	19.154	ug/l #	89
42) 1,2-Dichloroethane	8.463	62	100332	20.911	ug/l	97
43) Isopropyl Acetate	8.492	43	187027	20.081	ug/l	93
44) Trichloroethene	9.145	130	66866	19.851	ug/l	93
45) 1,2-Dichloropropane	9.422	63	71066	21.065	ug/l	98
46) Dibromomethane	9.510	93	46885	20.467	ug/l	93
47) Bromodichloromethane	9.692	83	90326	20.359	ug/l	98
48) Methyl methacrylate	9.492	41	85525	19.833	ug/l	91
49) 1,4-Dioxane	9.498	88	31514	384.955	ug/l #	96
51) 4-Methyl-2-Pentanone	10.269	43	603256	102.138	ug/l	91
52) Toluene	10.439	92	164165	20.069	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	99254	20.322	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	110064	20.874	ug/l	92
55) 1,1,2-Trichloroethane	10.833	97	69767	20.717	ug/l	97
56) Ethyl methacrylate	10.698	69	113118	20.782	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	118263	20.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	255413	105.215	ug/l	94
59) 2-Hexanone	11.022	43	455981	101.280	ug/l	88
60) Dibromochloromethane	11.175	129	67320	20.967	ug/l	99
61) 1,2-Dibromoethane	11.280	107	67256	19.995	ug/l	97
64) Tetrachloroethene	10.910	164	61768	19.898	ug/l	96
65) Chlorobenzene	11.704	112	166869	19.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	62799	19.858	ug/l	98
67) Ethyl Benzene	11.780	91	308670	19.776	ug/l	97
68) m/p-Xylenes	11.886	106	234651	39.834	ug/l	96
69) o-Xylene	12.216	106	114191	18.989	ug/l	93
70) Styrene	12.227	104	185561	19.986	ug/l	97
71) Bromoform	12.392	173	48637	21.019	ug/l #	99
73) Isopropylbenzene	12.516	105	301776	19.648	ug/l	97
74) N-amyl acetate	12.327	43	152421	19.819	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	101510	19.917	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	99485m	21.391	ug/l	
77) Bromobenzene	12.798	156	70753	19.813	ug/l	89
78) n-propylbenzene	12.857	91	340400	19.950	ug/l	98
79) 2-Chlorotoluene	12.945	91	210867	19.526	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	244478	19.529	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	32990	19.454	ug/l	91
82) 4-Chlorotoluene	13.039	91	205421	19.648	ug/l	98
83) tert-Butylbenzene	13.263	119	216151	19.259	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	247814	19.827	ug/l	98
85) sec-Butylbenzene	13.439	105	299620	19.881	ug/l	98
86) p-Isopropyltoluene	13.551	119	244072	20.048	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	124183	19.384	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	122720	19.119	ug/l	96
89) n-Butylbenzene	13.880	91	199938	19.708	ug/l	99
90) Hexachloroethane	14.145	117	44693	19.699	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	129463	19.838	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	24290	19.608	ug/l	85
93) 1,2,4-Trichlorobenzene	15.192	180	64992	19.127	ug/l	99
94) Hexachlorobutadiene	15.292	225	28036	18.560	ug/l	98
95) Naphthalene	15.427	128	256323	18.699	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	65543	18.699	ug/l	97

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

