

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073233.D
 Acq On : 29 Jun 2022 10:27
 Operator : JC\MD
 Sample : VN0629WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 15:40:03 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	256524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	440143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	394629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	188978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	186652	50.403	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.800%			
35) Dibromofluoromethane	7.945	113	145023	49.524	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.040%			
50) Toluene-d8	10.374	98	518667	49.870	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.740%			
62) 4-Bromofluorobenzene	12.668	95	201899	50.515	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.045	85	79041	21.075	ug/l	99
3) Chloromethane	2.269	50	73039	20.060	ug/l	96
4) Vinyl Chloride	2.410	62	62915	20.336	ug/l	99
5) Bromomethane	2.816	94	31188	21.344	ug/l	90
6) Chloroethane	2.975	64	37168	20.423	ug/l	98
7) Trichlorofluoromethane	3.322	101	107747	20.145	ug/l	98
8) Diethyl Ether	3.763	74	43889	20.158	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.139	101	62255	19.699	ug/l	96
10) Methyl Iodide	4.357	142	59887	16.877	ug/l	96
11) Tert butyl alcohol	5.286	59	71836	80.077	ug/l #	72
12) 1,1-Dichloroethene	4.122	96	58166	19.262	ug/l	98
13) Acrolein	3.975	56	47375	83.551	ug/l	99
14) Allyl chloride	4.763	41	119898	18.847	ug/l	95
15) Acrylonitrile	5.463	53	217116	94.017	ug/l	99
16) Acetone	4.222	43	190396	91.595	ug/l	98
17) Carbon Disulfide	4.457	76	149158	19.049	ug/l	95
18) Methyl Acetate	4.775	43	106976	18.364	ug/l	93
19) Methyl tert-butyl Ether	5.533	73	214300	19.471	ug/l	95
20) Methylene Chloride	5.004	84	69796	19.106	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	60937	19.312	ug/l	96
22) Diisopropyl ether	6.404	45	240927	20.296	ug/l	94
23) Vinyl Acetate	6.345	43	1071968	100.860	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	125992	20.510	ug/l	99
25) 2-Butanone	7.257	43	304797	92.098	ug/l	91
26) 2,2-Dichloropropane	7.245	77	105640	18.593	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	73877	19.334	ug/l	95
28) Bromochloromethane	7.580	49	55204	21.457	ug/l #	81
29) Tetrahydrofuran	7.610	42	209684	92.532	ug/l #	86
30) Chloroform	7.745	83	123494	19.959	ug/l	98
31) Cyclohexane	8.016	56	115779	19.090	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	108025	19.591	ug/l	99
36) 1,1-Dichloropropene	8.145	75	88272	19.591	ug/l	100
37) Ethyl Acetate	7.327	43	125965	18.502	ug/l	96
38) Carbon Tetrachloride	8.133	117	91769	19.695	ug/l	94
39) Methylcyclohexane	9.392	83	110664	19.727	ug/l	92
40) Benzene	8.386	78	274663	19.752	ug/l	99

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41) Methacrylonitrile	7.563	41	52949	16.036	ug/l	94
42) 1,2-Dichloroethane	8.457	62	102926	20.419	ug/l	98
43) Isopropyl Acetate	8.486	43	191331	19.554	ug/l #	93
44) Trichloroethene	9.145	130	68099	19.244	ug/l	97
45) 1,2-Dichloropropane	9.421	63	71159	20.077	ug/l	98
46) Dibromomethane	9.510	93	47396	19.695	ug/l	91
47) Bromodichloromethane	9.698	83	95060	20.395	ug/l	98
48) Methyl methacrylate	9.492	41	83184	18.361	ug/l	92
49) 1,4-Dioxane	9.498	88	27388	318.452	ug/l #	93
51) 4-Methyl-2-Pentanone	10.263	43	601885	97.001	ug/l	91
52) Toluene	10.439	92	171125	19.913	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	102462	19.969	ug/l	100
54) cis-1,3-Dichloropropene	10.121	75	110436	19.936	ug/l #	88
55) 1,1,2-Trichloroethane	10.833	97	68069	19.240	ug/l	97
56) Ethyl methacrylate	10.698	69	111240	19.453	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	119716	19.739	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.974	63	256967	100.760	ug/l	94
59) 2-Hexanone	11.021	43	439847	92.994	ug/l	90
60) Dibromochloromethane	11.174	129	68591	20.335	ug/l	99
61) 1,2-Dibromoethane	11.280	107	69992	19.807	ug/l	99
64) Tetrachloroethene	10.910	164	62626	19.434	ug/l	96
65) Chlorobenzene	11.704	112	172706	19.351	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	66166	20.155	ug/l	96
67) Ethyl Benzene	11.780	91	314043	19.382	ug/l	99
68) m/p-Xylenes	11.892	106	244209	39.936	ug/l	94
69) o-Xylene	12.215	106	120854	19.359	ug/l	97
70) Styrene	12.233	104	196468	20.384	ug/l	98
71) Bromoform	12.392	173	46631	19.413	ug/l #	99
73) Isopropylbenzene	12.515	105	313822	19.230	ug/l	99
74) N-amyl acetate	12.327	43	150728	18.446	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.762	83	99177	18.314	ug/l	99
76) 1,2,3-Trichloropropane	12.815	75	97658m	19.763	ug/l	
77) Bromobenzene	12.798	156	69846	18.409	ug/l	85
78) n-propylbenzene	12.857	91	362660	20.004	ug/l	98
79) 2-Chlorotoluene	12.945	91	223108	19.445	ug/l	95
80) 1,3,5-Trimethylbenzene	12.992	105	262176	19.710	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.562	75	32601	18.093	ug/l	93
82) 4-Chlorotoluene	13.039	91	213784	19.245	ug/l	98
83) tert-Butylbenzene	13.256	119	226150	18.965	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	257438	19.385	ug/l	99
85) sec-Butylbenzene	13.439	105	318363	19.882	ug/l	98
86) p-Isopropyltoluene	13.551	119	261141	20.188	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	128553	18.886	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	131019	19.211	ug/l	98
89) n-Butylbenzene	13.880	91	215949	20.035	ug/l	98
90) Hexachloroethane	14.145	117	46943	19.473	ug/l	87
91) 1,2-Dichlorobenzene	13.921	146	132299	19.080	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	23722	18.023	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	67646	18.737	ug/l	98
94) Hexachlorobutadiene	15.298	225	31078	19.364	ug/l	97
95) Naphthalene	15.427	128	251491	17.267	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	71033	19.073	ug/l	98

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

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