

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073208.D
 Acq On : 28 Jun 2022 19:49
 Operator : JC\MD
 Sample : VN0628WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0628WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

Quant Time: Jun 29 02:03:17 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	240490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	426351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	376458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	174901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185098	53.316	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.640%			
35) Dibromofluoromethane	7.951	113	145162	51.175	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.360%			
50) Toluene-d8	10.375	98	500402	49.670	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.340%			
62) 4-Bromofluorobenzene	12.669	95	196277	50.697	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	68605	19.512	ug/l	99
3) Chloromethane	2.269	50	64474	18.888	ug/l	97
4) Vinyl Chloride	2.404	62	56927	19.628	ug/l	94
5) Bromomethane	2.816	94	30355	22.159	ug/l	85
6) Chloroethane	2.975	64	33888	19.862	ug/l	96
7) Trichlorofluoromethane	3.322	101	97577	19.460	ug/l	100
8) Diethyl Ether	3.769	74	41933	20.544	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.146	101	53138	17.935	ug/l	98
10) Methyl Iodide	4.357	142	58600	17.482	ug/l	94
11) Tert butyl alcohol	5.293	59	89565	106.497	ug/l #	88
12) 1,1-Dichloroethene	4.110	96	55805	19.712	ug/l	95
13) Acrolein	3.981	56	47046	88.503	ug/l	100
14) Allyl chloride	4.763	41	117786	19.749	ug/l	95
15) Acrylonitrile	5.475	53	225058	103.954	ug/l	99
16) Acetone	4.222	43	206019	105.719	ug/l	95
17) Carbon Disulfide	4.457	76	142678	19.436	ug/l	99
18) Methyl Acetate	4.781	43	112023	20.513	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	216740	21.006	ug/l	100
20) Methylene Chloride	5.010	84	69100	20.177	ug/l	87
21) trans-1,2-Dichloroethene	5.510	96	59790	20.212	ug/l	99
22) Diisopropyl ether	6.416	45	236682	21.267	ug/l	93
23) Vinyl Acetate	6.351	43	1057384	106.120	ug/l	95
24) 1,1-Dichloroethane	6.310	63	117687	20.435	ug/l	99
25) 2-Butanone	7.263	43	326226	105.146	ug/l	91
26) 2,2-Dichloropropane	7.245	77	92814	17.425	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	73029	20.386	ug/l	97
28) Bromochloromethane	7.586	49	53543	22.199	ug/l	87
29) Tetrahydrofuran	7.610	42	224008	105.444	ug/l	87
30) Chloroform	7.745	83	121599	20.963	ug/l	95
31) Cyclohexane	8.022	56	102905	18.098	ug/l	92
32) 1,1,1-Trichloroethane	7.945	97	100817	19.503	ug/l	98
36) 1,1-Dichloropropene	8.151	75	83577	19.149	ug/l	97
37) Ethyl Acetate	7.334	43	135913	20.609	ug/l #	95
38) Carbon Tetrachloride	8.133	117	86149	19.087	ug/l	97
39) Methylcyclohexane	9.392	83	94480	17.387	ug/l	91
40) Benzene	8.386	78	268766	19.953	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	64146	20.056	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	100596	20.602	ug/l	96
43) Isopropyl Acetate	8.492	43	194138	20.483	ug/l	94
44) Trichloroethene	9.151	130	64748	18.889	ug/l	92
45) 1,2-Dichloropropane	9.428	63	67962	19.795	ug/l	99
46) Dibromomethane	9.510	93	46017	19.740	ug/l	94
47) Bromodichloromethane	9.698	83	90396	20.021	ug/l	90
48) Methyl methacrylate	9.498	41	86882	19.798	ug/l	90
49) 1,4-Dioxane	9.504	88	32547	390.680	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	633151	105.341	ug/l	90
52) Toluene	10.439	92	160380	19.266	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	99022	19.923	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	107436	20.022	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	67766	19.774	ug/l	97
56) Ethyl methacrylate	10.698	69	112063	20.231	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	116854	19.891	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	266311	107.802	ug/l	96
59) 2-Hexanone	11.022	43	480915	104.966	ug/l	89
60) Dibromochloromethane	11.174	129	67116	20.541	ug/l	99
61) 1,2-Dibromoethane	11.280	107	71013	20.746	ug/l	100
64) Tetrachloroethene	10.916	164	57214	18.612	ug/l	100
65) Chlorobenzene	11.710	112	167137	19.631	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	61977	19.791	ug/l	98
67) Ethyl Benzene	11.780	91	298877	19.336	ug/l	99
68) m/p-Xylenes	11.892	106	229157	39.283	ug/l	96
69) o-Xylene	12.216	106	116829	19.618	ug/l	98
70) Styrene	12.233	104	186075	20.238	ug/l	98
71) Bromoform	12.398	173	48683	21.245	ug/l #	98
73) Isopropylbenzene	12.516	105	290088	19.207	ug/l	99
74) N-amyl acetate	12.327	43	153386	20.282	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	103278	20.607	ug/l	98
76) 1,2,3-Trichloropropane	12.816	75	87324m	19.094	ug/l	
77) Bromobenzene	12.798	156	67925	19.343	ug/l	85
78) n-propylbenzene	12.857	91	323097	19.256	ug/l	98
79) 2-Chlorotoluene	12.945	91	208232	19.609	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	243517	19.781	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	30386	18.221	ug/l	89
82) 4-Chlorotoluene	13.039	91	198650	19.322	ug/l	97
83) tert-Butylbenzene	13.263	119	208582	18.899	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	243961	19.849	ug/l	97
85) sec-Butylbenzene	13.439	105	283081	19.101	ug/l	98
86) p-Isopropyltoluene	13.551	119	231122	19.306	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	119419	18.956	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	121924	19.316	ug/l	97
89) n-Butylbenzene	13.880	91	185520	18.597	ug/l	97
90) Hexachloroethane	14.145	117	43152	19.341	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	125811	19.605	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	26326	21.611	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	66925	20.029	ug/l	96
94) Hexachlorobutadiene	15.298	225	26373	17.755	ug/l	98
95) Naphthalene	15.433	128	269877	20.021	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	70659	20.499	ug/l	99

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

