

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073228.D
 Acq On : 29 Jun 2022 03:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 29 04:28:34 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	224697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	406688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	369089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	167505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186020	57.347	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.700%			
35) Dibromofluoromethane	7.951	113	146064	53.983	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.960%			
50) Toluene-d8	10.374	98	469518	48.858	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.720%			
62) 4-Bromofluorobenzene	12.668	95	186728	50.562	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	153605	46.758	ug/l	99
3) Chloromethane	2.269	50	160221	50.236	ug/l	100
4) Vinyl Chloride	2.410	62	137821	50.859	ug/l	100
5) Bromomethane	2.798	94	58268	45.524	ug/l	99
6) Chloroethane	2.963	64	82655	51.851	ug/l	96
7) Trichlorofluoromethane	3.316	101	214653	45.818	ug/l	96
8) Diethyl Ether	3.769	74	103499	54.269	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.140	101	115457	41.708	ug/l	96
10) Methyl Iodide	4.351	142	147116	44.741	ug/l	94
11) Tert butyl alcohol	5.287	59	212622	270.587	ug/l	99
12) 1,1-Dichloroethene	4.116	96	124181	46.947	ug/l	95
13) Acrolein	3.981	56	129373	260.482	ug/l	97
14) Allyl chloride	4.763	41	276870	49.686	ug/l #	92
15) Acrylonitrile	5.469	53	590051	291.699	ug/l	99
16) Acetone	4.222	43	533320	292.909	ug/l	97
17) Carbon Disulfide	4.463	76	321281	46.842	ug/l	98
18) Methyl Acetate	4.775	43	289939	56.823	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	547142	56.754	ug/l	99
20) Methylene Chloride	5.022	84	165755	51.801	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	132614	47.981	ug/l	94
22) Diisopropyl ether	6.416	45	587561	56.507	ug/l	96
23) Vinyl Acetate	6.351	43	2687670	288.697	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	290598	54.005	ug/l	99
25) 2-Butanone	7.257	43	844758	291.410	ug/l	90
26) 2,2-Dichloropropane	7.245	77	148406	29.820	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	169372	50.604	ug/l	98
28) Bromochloromethane	7.581	49	135465	60.111	ug/l	84
29) Tetrahydrofuran	7.604	42	570719	287.528	ug/l	87
30) Chloroform	7.745	83	286733	52.906	ug/l	100
31) Cyclohexane	8.022	56	216466	40.747	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	233086	48.260	ug/l	99
36) 1,1-Dichloropropene	8.151	75	182347	43.798	ug/l	98
37) Ethyl Acetate	7.333	43	343985	54.681	ug/l	95
38) Carbon Tetrachloride	8.133	117	193093	44.849	ug/l	98
39) Methylcyclohexane	9.392	83	208377	40.202	ug/l	92
40) Benzene	8.386	78	620628	48.303	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	175428	57.501	ug/l #	81
42) 1,2-Dichloroethane	8.457	62	244355	52.464	ug/l	100
43) Isopropyl Acetate	8.492	43	499795	55.282	ug/l	93
44) Trichloroethene	9.151	130	148644	45.460	ug/l	96
45) 1,2-Dichloropropane	9.422	63	168546	51.466	ug/l	99
46) Dibromomethane	9.510	93	115511	51.947	ug/l	93
47) Bromodichloromethane	9.698	83	225981	52.472	ug/l	98
48) Methyl methacrylate	9.492	41	224401	53.607	ug/l	90
49) 1,4-Dioxane	9.504	88	82425	1037.229	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	1627045	283.789	ug/l	90
52) Toluene	10.439	92	367903	46.332	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	231343	48.795	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	247966	48.445	ug/l #	88
55) 1,1,2-Trichloroethane	10.833	97	166990	51.083	ug/l	99
56) Ethyl methacrylate	10.698	69	293994	55.642	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	287933	51.381	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	726367	308.248	ug/l	94
59) 2-Hexanone	11.021	43	1236186	282.859	ug/l	89
60) Dibromochloromethane	11.174	129	170022	54.552	ug/l	100
61) 1,2-Dibromoethane	11.280	107	172333	52.779	ug/l	99
64) Tetrachloroethene	10.910	164	135932	45.102	ug/l	97
65) Chlorobenzene	11.710	112	388416	46.531	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	149927	48.831	ug/l	98
67) Ethyl Benzene	11.780	91	674080	44.481	ug/l	99
68) m/p-Xylenes	11.892	106	515404	90.117	ug/l	96
69) o-Xylene	12.216	106	261051	44.711	ug/l	96
70) Styrene	12.233	104	432507	47.980	ug/l	98
71) Bromoform	12.398	173	122064	54.332	ug/l #	99
73) Isopropylbenzene	12.515	105	655673	45.329	ug/l	99
74) N-amyl acetate	12.327	43	399403	55.144	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.763	83	248000	51.667	ug/l	100
76) 1,2,3-Trichloropropane	12.815	75	217243m	49.600	ug/l	
77) Bromobenzene	12.798	156	158931	47.258	ug/l	85
78) n-propylbenzene	12.857	91	739051	45.992	ug/l	97
79) 2-Chlorotoluene	12.945	91	464355	45.658	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	540925	45.880	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	77075	48.260	ug/l	96
82) 4-Chlorotoluene	13.039	91	448980	45.600	ug/l	97
83) tert-Butylbenzene	13.262	119	474418	44.884	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	544512	46.259	ug/l	99
85) sec-Butylbenzene	13.439	105	657015	46.291	ug/l	98
86) p-Isopropyltoluene	13.551	119	535006	46.663	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	275932	45.735	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	275622	45.595	ug/l	99
89) n-Butylbenzene	13.880	91	438271	45.873	ug/l	98
90) Hexachloroethane	14.145	117	98982	46.324	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	291917	47.497	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	65105	55.805	ug/l	89
93) 1,2,4-Trichlorobenzene	15.192	180	150852	47.139	ug/l	97
94) Hexachlorobutadiene	15.298	225	62853	44.182	ug/l	97
95) Naphthalene	15.433	128	649516	50.312	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	155863	47.215	ug/l	97

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

