

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073307.D
 Acq On : 05 Jul 2022 11:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 07/06/2022
 Supervised By : Semsettin Yesilyurt 07/06/2022

Quant Time: Jul 06 01:12:21 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	8.010	168	254462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	437921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	400533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	193278	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	184101	50.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.240%	
35) Dibromofluoromethane	7.951	113	146191	50.176	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.360%	
50) Toluene-d8	10.375	98	512586	49.535	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.080%	
62) 4-Bromofluorobenzene	12.668	95	212482	53.432	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.860%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	186881	50.233	ug/l	99
3) Chloromethane	2.269	50	170753	47.276	ug/l	99
4) Vinyl Chloride	2.404	62	148585	48.417	ug/l	100
5) Bromomethane	2.793	94	65109	44.919	ug/l	100
6) Chloroethane	2.963	64	87958	48.723	ug/l	97
7) Trichlorofluoromethane	3.316	101	261796	49.344	ug/l	97
8) Diethyl Ether	3.763	74	108149	50.074	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.134	101	148033	47.220	ug/l	98
10) Methyl Iodide	4.346	142	156744	41.872	ug/l	96
11) Tert butyl alcohol	5.281	59	194497	218.567	ug/l	100
12) 1,1-Dichloroethene	4.110	96	142387	47.533	ug/l	95
13) Acrolein	3.981	56	116510	207.144	ug/l	99
14) Allyl chloride	4.757	41	305134	48.353	ug/l #	94
15) Acrylonitrile	5.469	53	564953	246.622	ug/l	99
16) Acetone	4.216	43	495324	240.220	ug/l	95
17) Carbon Disulfide	4.457	76	368606	47.456	ug/l	99
18) Methyl Acetate	4.775	43	283514	49.065	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	551807	50.543	ug/l	100
20) Methylene Chloride	5.010	84	169978	46.907	ug/l #	86
21) trans-1,2-Dichloroethene	5.504	96	151519	48.409	ug/l	96
22) Diisopropyl ether	6.410	45	605657	51.434	ug/l	96
23) Vinyl Acetate	6.345	43	2652026	251.547	ug/l #	94
24) 1,1-Dichloroethane	6.298	63	308086	50.558	ug/l	100
25) 2-Butanone	7.251	43	811690	247.250	ug/l #	88
26) 2,2-Dichloropropane	7.239	77	251816	44.681	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	185028	48.815	ug/l	96
28) Bromochloromethane	7.581	49	140073	54.886	ug/l	83
29) Tetrahydrofuran	7.604	42	543458	241.768	ug/l	87
30) Chloroform	7.739	83	312727	50.953	ug/l	98
31) Cyclohexane	8.022	56	268359	44.606	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	272876	49.890	ug/l	98
36) 1,1-Dichloropropene	8.145	75	222173	49.558	ug/l	98
37) Ethyl Acetate	7.334	43	330721	48.823	ug/l #	94
38) Carbon Tetrachloride	8.133	117	217628	46.942	ug/l	99
39) Methylcyclohexane	9.392	83	266604	47.767	ug/l	92
40) Benzene	8.386	78	681464	49.255	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	165314	50.321	ug/l #	83
42) 1,2-Dichloroethane	8.457	62	253725	50.590	ug/l	98
43) Isopropyl Acetate	8.486	43	494888	50.835	ug/l	93
44) Trichloroethene	9.145	130	170546	48.439	ug/l	98
45) 1,2-Dichloropropane	9.422	63	174001	49.342	ug/l	99
46) Dibromomethane	9.510	93	120626	50.379	ug/l	92
47) Bromodichloromethane	9.692	83	241165	52.004	ug/l	98
48) Methyl methacrylate	9.492	41	220311	48.876	ug/l	92
49) 1,4-Dioxane	9.504	88	77746	908.572	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	1581625	256.192	ug/l	91
52) Toluene	10.439	92	422869	49.456	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	261986	51.318	ug/l	100
54) cis-1,3-Dichloropropene	10.122	75	285884	51.870	ug/l	92
55) 1,1,2-Trichloroethane	10.833	97	174358	49.533	ug/l	97
56) Ethyl methacrylate	10.698	69	283925	49.903	ug/l #	84
57) 1,3-Dichloropropane	10.980	76	302647	50.155	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.975	63	674913	265.985	ug/l	94
59) 2-Hexanone	11.022	43	1195450	254.029	ug/l	89
60) Dibromochloromethane	11.174	129	179062	53.355	ug/l	98
61) 1,2-Dibromoethane	11.280	107	182484	51.902	ug/l	99
64) Tetrachloroethene	10.910	164	147291	45.034	ug/l	97
65) Chlorobenzene	11.704	112	434819	48.001	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	161837	48.572	ug/l	98
67) Ethyl Benzene	11.780	91	818448	49.767	ug/l	99
68) m/p-Xylenes	11.892	106	615364	99.148	ug/l	94
69) o-Xylene	12.216	106	307522	48.535	ug/l	96
70) Styrene	12.233	104	508195	51.950	ug/l	98
71) Bromoform	12.398	173	127816	52.426	ug/l #	100
73) Isopropylbenzene	12.516	105	801259	48.007	ug/l	99
74) N-amyl acetate	12.327	43	380899	45.577	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.763	83	263140	47.511	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	222680m	44.062	ug/l	
77) Bromobenzene	12.798	156	183060	47.174	ug/l	89
78) n-propylbenzene	12.857	91	929517	50.131	ug/l	98
79) 2-Chlorotoluene	12.945	91	559184	47.651	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	664394	48.838	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	85960	46.646	ug/l	92
82) 4-Chlorotoluene	13.039	91	549069	48.329	ug/l	97
83) tert-Butylbenzene	13.257	119	584512	47.926	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	656526	48.337	ug/l	96
85) sec-Butylbenzene	13.439	105	823614	50.291	ug/l	98
86) p-Isopropyltoluene	13.551	119	667767	50.476	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	335939	48.256	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	333988	47.883	ug/l	99
89) n-Butylbenzene	13.880	91	578818	52.505	ug/l	98
90) Hexachloroethane	14.145	117	117103	47.497	ug/l	86
91) 1,2-Dichlorobenzene	13.921	146	338184	47.688	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	62485	46.417	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	186464	50.498	ug/l	98
94) Hexachlorobutadiene	15.298	225	79501	48.433	ug/l	97
95) Naphthalene	15.433	128	688548	46.223	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	184996	48.568	ug/l	98

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

