

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122822\
 Data File : VN075989.D
 Acq On : 28 Dec 2022 10:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/29/2022
 Supervised By : Mahesh Dadoda 12/31/2022

Quant Time: Dec 29 04:42:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	284386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	450190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	409660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	195463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	156885	50.709	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.420%			
35) Dibromofluoromethane	8.171	113	144605	51.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	10.571	98	529079	50.756	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.853	95	182846	52.960	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	85641	42.413	ug/l	98
3) Chloromethane	2.371	50	103805	41.342	ug/l	99
4) Vinyl Chloride	2.530	62	127063	42.424	ug/l	100
5) Bromomethane	2.959	94	106576	41.869	ug/l	99
6) Chloroethane	3.130	64	93122	41.985	ug/l	96
7) Trichlorofluoromethane	3.512	101	206918	45.529	ug/l	97
8) Diethyl Ether	3.977	74	81458	49.073	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	122494	47.201	ug/l	99
10) Methyl Iodide	4.600	142	188345	44.720	ug/l	99
11) Tert butyl alcohol	5.547	59	94761	216.460	ug/l	99
12) 1,1-Dichloroethene	4.353	96	111633	44.290	ug/l	98
13) Acrolein	4.194	56	159689	297.539	ug/l	98
14) Allyl chloride	5.036	41	148174	50.289	ug/l	98
15) Acrylonitrile	5.736	53	286069	239.455	ug/l	99
16) Acetone	4.442	43	287904	269.949	ug/l	95
17) Carbon Disulfide	4.724	76	238220	39.036	ug/l	99
18) Methyl Acetate	5.036	43	149384	47.386	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	428307	51.602	ug/l	95
20) Methylene Chloride	5.289	84	134211	47.004	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	124299	45.031	ug/l	98
22) Diisopropyl ether	6.683	45	368442	51.476	ug/l	99
23) Vinyl Acetate	6.612	43	1230766	255.472	ug/l	98
24) 1,1-Dichloroethane	6.583	63	227284	47.613	ug/l	99
25) 2-Butanone	7.494	43	381372	255.387	ug/l	96
26) 2,2-Dichloropropane	7.500	77	204853	50.675	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	159064	48.182	ug/l	98
28) Bromochloromethane	7.818	49	96976	46.350	ug/l	98
29) Tetrahydrofuran	7.841	42	232790	248.756	ug/l	99
30) Chloroform	7.971	83	260447	48.459	ug/l	92
31) Cyclohexane	8.265	56	190920	43.088	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	234476	49.209	ug/l	99
36) 1,1-Dichloropropene	8.377	75	176436	47.640	ug/l	98
37) Ethyl Acetate	7.565	43	148623	49.960	ug/l	98
38) Carbon Tetrachloride	8.365	117	206558	49.832	ug/l	99
39) Methylcyclohexane	9.606	83	229857	51.445	ug/l	97
40) Benzene	8.612	78	548775	48.026	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	78553	50.801	ug/l	95
42) 1,2-Dichloroethane	8.677	62	189672	49.929	ug/l	100
43) Isopropyl Acetate	8.694	43	259862	52.955	ug/l	100
44) Trichloroethene	9.353	130	151543	47.076	ug/l	97
45) 1,2-Dichloropropane	9.624	63	139495	50.167	ug/l	99
46) Dibromomethane	9.712	93	103196	50.037	ug/l	99
47) Bromodichloromethane	9.888	83	209173	51.719	ug/l	97
48) Methyl methacrylate	9.682	41	120305	54.432	ug/l	98
49) 1,4-Dioxane	9.712	88	46802	861.349	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	791652	266.758	ug/l	99
52) Toluene	10.635	92	370124	49.735	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	215010	54.309	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	233988	53.830	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	151341	51.812	ug/l	98
56) Ethyl methacrylate	10.876	69	214508	55.288	ug/l	98
57) 1,3-Dichloropropane	11.165	76	247194	51.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	331650	268.483	ug/l	99
59) 2-Hexanone	11.200	43	583878	269.785	ug/l	100
60) Dibromochloromethane	11.365	129	170319	52.431	ug/l	98
61) 1,2-Dibromoethane	11.470	107	150935	51.061	ug/l	97
64) Tetrachloroethene	11.106	164	148851	51.636	ug/l	96
65) Chlorobenzene	11.894	112	402793	47.905	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	156794	50.345	ug/l	99
67) Ethyl Benzene	11.965	91	725375	51.116	ug/l	99
68) m/p-Xylenes	12.070	106	573552	102.115	ug/l	99
69) o-Xylene	12.400	106	284036	51.101	ug/l	100
70) Styrene	12.412	104	470051	53.186	ug/l	99
71) Bromoform	12.582	173	121086	53.432	ug/l #	100
73) Isopropylbenzene	12.700	105	739841	52.378	ug/l	100
74) N-amyl acetate	12.500	43	226888	54.754	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	209223	47.915	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	184321m	46.781	ug/l	
77) Bromobenzene	12.982	156	179841	50.309	ug/l	97
78) n-propylbenzene	13.041	91	855640	54.922	ug/l	99
79) 2-Chlorotoluene	13.129	91	493102	50.705	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	621885	52.604	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	62166	56.793	ug/l	90
82) 4-Chlorotoluene	13.129	91	493102	50.705	ug/l	100
83) tert-Butylbenzene	13.441	119	565011	54.207	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	625606	53.344	ug/l	98
85) sec-Butylbenzene	13.617	105	787273	54.724	ug/l	99
86) p-Isopropyltoluene	13.735	119	664363	55.499	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	328349	49.726	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	327793	48.594	ug/l	99
89) n-Butylbenzene	14.059	91	546899	56.394	ug/l	100
90) Hexachloroethane	14.335	117	117190	54.728	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	330645	50.836	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38844	50.133	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	183529	56.996	ug/l	99
94) Hexachlorobutadiene	15.506	225	92119	52.435	ug/l	99
95) Naphthalene	15.647	128	541312	50.847	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	177183	58.872	ug/l	98

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

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