

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060424\
 Data File : VN082457.D
 Acq On : 04 Jun 2024 16:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/05/2024
 Supervised By : Mahesh Dadoda 06/05/2024

Quant Time: Jun 05 03:20:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	185800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	309861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	288116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129159	44.024	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.040%		
35) Dibromofluoromethane	8.165	113	92424	48.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.980%		
50) Toluene-d8	10.571	98	329496	45.087	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.180%		
62) 4-Bromofluorobenzene	12.853	95	124882	47.877	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	95.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	112529	42.008	ug/l	100
3) Chloromethane	2.359	50	124571	41.033	ug/l	100
4) Vinyl Chloride	2.512	62	125403	43.939	ug/l	99
5) Bromomethane	2.942	94	73096	44.558	ug/l	93
6) Chloroethane	3.112	64	89433	47.990	ug/l	100
7) Trichlorofluoromethane	3.489	101	181263	48.502	ug/l	98
8) Diethyl Ether	3.959	74	68418	51.389	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.365	101	107877	49.413	ug/l	98
10) Methyl Iodide	4.589	142	106782	48.654	ug/l	98
11) Tert butyl alcohol	5.524	59	122822	260.799	ug/l	100
12) 1,1-Dichloroethene	4.336	96	95650	47.138	ug/l #	82
13) Acrolein	4.177	56	83908	240.433	ug/l	99
14) Allyl chloride	5.018	41	202156	46.532	ug/l #	92
15) Acrylonitrile	5.718	53	335544	275.106	ug/l	99
16) Acetone	4.424	43	312196	259.405	ug/l	89
17) Carbon Disulfide	4.706	76	233547	35.635	ug/l	97
18) Methyl Acetate	5.024	43	181596	60.589	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	401187	54.090	ug/l	95
20) Methylene Chloride	5.277	84	118160	48.661	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	104264	47.151	ug/l #	80
22) Diisopropyl ether	6.671	45	472440	52.078	ug/l #	92
23) Vinyl Acetate	6.606	43	1824008	255.020	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	239292	51.176	ug/l	97
25) 2-Butanone	7.483	43	493776	270.605	ug/l #	82
26) 2,2-Dichloropropane	7.488	77	212078	54.150	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	133845	51.288	ug/l	81
28) Bromochloromethane	7.812	49	86571	42.295	ug/l #	76
29) Tetrahydrofuran	7.841	42	319569	272.771	ug/l #	83
30) Chloroform	7.965	83	237880	53.274	ug/l	100
31) Cyclohexane	8.259	56	185190	39.522	ug/l	87
32) 1,1,1-Trichloroethane	8.165	97	207307	52.332	ug/l	92
36) 1,1-Dichloropropene	8.371	75	158487	49.576	ug/l	96
37) Ethyl Acetate	7.559	43	197559	55.220	ug/l #	95
38) Carbon Tetrachloride	8.365	117	178355	55.036	ug/l	99
39) Methylcyclohexane	9.600	83	166873	47.621	ug/l #	87
40) Benzene	8.606	78	497781	52.216	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	114752	54.538	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	193327	52.729	ug/l	95
43) Isopropyl Acetate	8.688	43	372504	58.760	ug/l #	87
44) Trichloroethene	9.353	130	113204	52.276	ug/l	93
45) 1,2-Dichloropropane	9.624	63	131812	53.590	ug/l	95
46) Dibromomethane	9.712	93	86352	53.474	ug/l	99
47) Bromodichloromethane	9.888	83	195049	57.215	ug/l #	97
48) Methyl methacrylate	9.682	41	169302	56.047	ug/l #	83
49) 1,4-Dioxane	9.700	88	51929	1226.801	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1069279	296.869	ug/l	90
52) Toluene	10.635	92	309039	54.019	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	203720	57.780	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	209408	56.111	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	119458	57.460	ug/l	98
56) Ethyl methacrylate	10.876	69	208126	58.964	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	213860	55.017	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	464506	255.135	ug/l	91
59) 2-Hexanone	11.200	43	802488	304.284	ug/l	89
60) Dibromochloromethane	11.359	129	145953	63.615	ug/l	99
61) 1,2-Dibromoethane	11.470	107	119060	55.755	ug/l	99
64) Tetrachloroethene	11.106	164	108977	51.031	ug/l	94
65) Chlorobenzene	11.894	112	339735	53.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	123233	58.779	ug/l	99
67) Ethyl Benzene	11.965	91	607859	53.387	ug/l	98
68) m/p-Xylenes	12.070	106	459273	110.058	ug/l	94
69) o-Xylene	12.400	106	221917	54.899	ug/l	92
70) Styrene	12.412	104	386820	57.612	ug/l	97
71) Bromoform	12.582	173	99931	59.790	ug/l #	97
73) Isopropylbenzene	12.700	105	581791	51.130	ug/l	98
74) N-amyl acetate	12.494	43	314113	50.186	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	171240	52.206	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	169147m	56.109	ug/l	
77) Bromobenzene	12.982	156	139246	51.350	ug/l	90
78) n-propylbenzene	13.035	91	695075	51.585	ug/l	97
79) 2-Chlorotoluene	13.129	91	421922	49.866	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	484440	52.652	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	70832	54.956	ug/l #	77
82) 4-Chlorotoluene	13.223	91	421773	50.984	ug/l	96
83) tert-Butylbenzene	13.441	119	414401	51.483	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	488082	51.851	ug/l	97
85) sec-Butylbenzene	13.617	105	587002	52.613	ug/l	98
86) p-Isopropyltoluene	13.729	119	493785	54.458	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	257603	52.435	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	258577	51.570	ug/l	98
89) n-Butylbenzene	14.059	91	437282	53.655	ug/l	98
90) Hexachloroethane	14.335	117	94326	56.148	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	246447	52.996	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	38059	56.474	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	138739	53.225	ug/l	99
94) Hexachlorobutadiene	15.506	225	58418	51.074	ug/l	97
95) Naphthalene	15.641	128	458394	56.115	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	138035	52.897	ug/l	97

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

