

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082571.D
 Acq On : 13 Jun 2024 19:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 14 02:35:56 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

Manual Integrations APPROVED

Reviewed By : John Carlone 06/14/2024
 Supervised By : Semsettin Yesilyurt 06/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	162410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	259674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126898	49.483	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.960%
35) Dibromofluoromethane	8.171	113	94090	54.393	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.780%
50) Toluene-d8	10.571	98	320266	48.291	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.847	95	124274	52.500	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	105.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	128558	54.903	ug/l	98
3) Chloromethane	2.359	50	142091	53.545	ug/l	99
4) Vinyl Chloride	2.512	62	145749	58.422	ug/l	100
5) Bromomethane	2.942	94	81541	56.864	ug/l	95
6) Chloroethane	3.112	64	96773	59.407	ug/l	94
7) Trichlorofluoromethane	3.489	101	185943	56.919	ug/l	99
8) Diethyl Ether	3.965	74	68387	58.763	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.371	101	104244	54.626	ug/l	99
10) Methyl Iodide	4.589	142	115058	59.975	ug/l	99
11) Tert butyl alcohol	5.530	59	127655	310.099	ug/l	100
12) 1,1-Dichloroethene	4.336	96	100431	56.622	ug/l #	77
13) Acrolein	4.177	56	91811	300.966	ug/l	98
14) Allyl chloride	5.024	41	198286	52.215	ug/l #	91
15) Acrylonitrile	5.718	53	338073	317.098	ug/l	99
16) Acetone	4.430	43	303158	288.173	ug/l	92
17) Carbon Disulfide	4.712	76	286511	50.013	ug/l	98
18) Methyl Acetate	5.030	43	179433	68.489	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	385379	59.442	ug/l	95
20) Methylene Chloride	5.283	84	118764	55.954	ug/l #	77
21) trans-1,2-Dichloroethene	5.783	96	106112	54.898	ug/l #	80
22) Diisopropyl ether	6.671	45	461394	58.185	ug/l #	92
23) Vinyl Acetate	6.606	43	1845822	295.237	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	232623	56.915	ug/l	98
25) 2-Butanone	7.488	43	496195	311.094	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	167650	48.971	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	133986	58.737	ug/l	85
28) Bromochloromethane	7.818	49	86215	48.465	ug/l #	77
29) Tetrahydrofuran	7.841	42	338956	330.986	ug/l #	82
30) Chloroform	7.965	83	231480	59.307	ug/l	99
31) Cyclohexane	8.259	56	200331	48.910	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	205433	59.328	ug/l	94
36) 1,1-Dichloropropene	8.377	75	163277	56.279	ug/l	95
37) Ethyl Acetate	7.565	43	201725	62.131	ug/l #	94
38) Carbon Tetrachloride	8.365	117	179307	60.969	ug/l	98
39) Methylcyclohexane	9.606	83	167638	52.715	ug/l #	86
40) Benzene	8.612	78	498699	57.644	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	112077	58.695	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	192766	57.934	ug/l	96
43) Isopropyl Acetate	8.694	43	391748	68.094	ug/l #	86
44) Trichloroethene	9.353	130	109179	55.556	ug/l	94
45) 1,2-Dichloropropane	9.624	63	131742	59.020	ug/l	99
46) Dibromomethane	9.712	93	87183	59.491	ug/l	98
47) Bromodichloromethane	9.888	83	188320	60.871	ug/l	98
48) Methyl methacrylate	9.682	41	170807	62.308	ug/l #	82
49) 1,4-Dioxane	9.700	88	55177	1436.385	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1077182	329.543	ug/l	90
52) Toluene	10.629	92	309998	59.710	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	194519	60.794	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	200869	59.308	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	116510	61.753	ug/l	97
56) Ethyl methacrylate	10.876	69	206408	64.437	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	212276	60.175	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	487613	295.122	ug/l	91
59) 2-Hexanone	11.200	43	808118	337.648	ug/l	90
60) Dibromochloromethane	11.365	129	140496	67.478	ug/l	99
61) 1,2-Dibromoethane	11.471	107	117652	60.711	ug/l	100
64) Tetrachloroethene	11.106	164	100132	52.025	ug/l	96
65) Chlorobenzene	11.894	112	331112	57.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	118928	62.938	ug/l	99
67) Ethyl Benzene	11.965	91	599784	58.447	ug/l	96
68) m/p-Xylenes	12.071	106	451066	119.931	ug/l	94
69) o-Xylene	12.400	106	217593	59.725	ug/l	92
70) Styrene	12.412	104	377108	62.317	ug/l	97
71) Bromoform	12.582	173	99530	65.999	ug/l #	98
73) Isopropylbenzene	12.700	105	559170	54.057	ug/l	98
74) N-amyl acetate	12.494	43	317178	55.745	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	177234	59.438	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	170168m	62.094	ug/l	
77) Bromobenzene	12.982	156	134574	54.591	ug/l	87
78) n-propylbenzene	13.035	91	670641	54.750	ug/l	97
79) 2-Chlorotoluene	13.129	91	408760	53.143	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	466469	55.770	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	67431	57.551	ug/l #	77
82) 4-Chlorotoluene	13.223	91	408317	54.295	ug/l	96
83) tert-Butylbenzene	13.441	119	398527	54.463	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	475203	55.532	ug/l	98
85) sec-Butylbenzene	13.617	105	559446	55.159	ug/l	98
86) p-Isopropyltoluene	13.729	119	464776	56.386	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	249255	55.811	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	250306	54.914	ug/l	100
89) n-Butylbenzene	14.059	91	397751	53.687	ug/l	98
90) Hexachloroethane	14.335	117	91370	59.828	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	238402	56.394	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39090	63.806	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	127272	53.709	ug/l	99
94) Hexachlorobutadiene	15.506	225	52523	50.513	ug/l	97
95) Naphthalene	15.647	128	435702	58.672	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	130767	55.125	ug/l	97

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

