

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083845.D
 Acq On : 13 Sep 2024 01:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 13 03:34:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117938	53.744	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.480%	
35) Dibromofluoromethane	8.159	113	83605	50.039	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.080%	
50) Toluene-d8	10.565	98	301236	52.153	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.300%	
62) 4-Bromofluorobenzene	12.847	95	117953	49.497	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	84491	49.991	ug/l	99
3) Chloromethane	2.360	50	88582	51.375	ug/l	99
4) Vinyl Chloride	2.512	62	93310	50.368	ug/l	99
5) Bromomethane	2.901	94	53704	50.490	ug/l	94
6) Chloroethane	3.065	64	61957	47.678	ug/l	92
7) Trichlorofluoromethane	3.465	101	154235	49.048	ug/l	97
8) Diethyl Ether	3.954	74	56458	53.560	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.354	101	82389	49.431	ug/l	98
10) Methyl Iodide	4.571	142	108534	51.200	ug/l #	91
11) Tert butyl alcohol	5.542	59	84477	287.479	ug/l	100
12) 1,1-Dichloroethene	4.324	96	79509	50.511	ug/l	99
13) Acrolein	4.177	56	69855	240.932	ug/l	99
14) Allyl chloride	5.012	41	141715	50.526	ug/l	97
15) Acrylonitrile	5.718	53	212500	265.910	ug/l	99
16) Acetone	4.430	43	181219	206.002	ug/l	99
17) Carbon Disulfide	4.701	76	201220	45.699	ug/l	98
18) Methyl Acetate	5.018	43	107556	59.016	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	304506	53.459	ug/l	99
20) Methylene Chloride	5.271	84	90916	50.504	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	83349	49.408	ug/l	93
22) Diisopropyl ether	6.671	45	308668	53.460	ug/l	98
23) Vinyl Acetate	6.600	43	1121479	265.235	ug/l	98
24) 1,1-Dichloroethane	6.565	63	169951	51.091	ug/l	98
25) 2-Butanone	7.483	43	285448	246.881	ug/l	99
26) 2,2-Dichloropropane	7.483	77	121085	39.527	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	104478	52.172	ug/l	99
28) Bromochloromethane	7.812	49	78385	55.956	ug/l	95
29) Tetrahydrofuran	7.842	42	186611	272.958	ug/l	100
30) Chloroform	7.959	83	183145	51.861	ug/l	93
31) Cyclohexane	8.253	56	141280	44.546	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	166562	51.294	ug/l	99
36) 1,1-Dichloropropene	8.365	75	121057	48.138	ug/l	99
37) Ethyl Acetate	7.559	43	122968	53.870	ug/l	99
38) Carbon Tetrachloride	8.359	117	141668	49.656	ug/l	99
39) Methylcyclohexane	9.600	83	134086	46.843	ug/l	99
40) Benzene	8.606	78	374631	49.494	ug/l	99

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41) Methacrylonitrile	7.777	41	71447	52.920	ug/l	98
42) 1,2-Dichloroethane	8.665	62	145568	51.468	ug/l	99
43) Isopropyl Acetate	8.689	43	248113	59.981	ug/l	97
44) Trichloroethene	9.353	130	84914	48.444	ug/l	99
45) 1,2-Dichloropropane	9.618	63	91377	49.949	ug/l	97
46) Dibromomethane	9.706	93	66948	52.246	ug/l	99
47) Bromodichloromethane	9.888	83	143554	51.765	ug/l	96
48) Methyl methacrylate	9.677	41	104583	53.290	ug/l	97
49) 1,4-Dioxane	9.700	88	34742	1076.115	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	607475	269.784	ug/l	98
52) Toluene	10.630	92	235379	50.840	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	141011	50.165	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	148725	50.369	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	87461	50.601	ug/l	98
56) Ethyl methacrylate	10.871	69	148724	55.926	ug/l	96
57) 1,3-Dichloropropane	11.159	76	153212	51.575	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	335514	350.149	ug/l	97
59) 2-Hexanone	11.194	43	444663	266.962	ug/l	98
60) Dibromochloromethane	11.359	129	104956	54.258	ug/l	100
61) 1,2-Dibromoethane	11.471	107	88000	51.050	ug/l	100
64) Tetrachloroethene	11.100	164	74623	49.724	ug/l	97
65) Chlorobenzene	11.888	112	246490	49.145	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	88829	51.088	ug/l	99
67) Ethyl Benzene	11.965	91	450768	50.592	ug/l	99
68) m/p-Xylenes	12.071	106	333141	100.711	ug/l	98
69) o-Xylene	12.400	106	166952	52.135	ug/l	98
70) Styrene	12.412	104	281790	53.619	ug/l	99
71) Bromoform	12.576	173	64218	54.808	ug/l #	98
73) Isopropylbenzene	12.694	105	428003	49.906	ug/l	100
74) N-amyl acetate	12.494	43	202938	55.462	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	127051	50.421	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	108273m	48.406	ug/l	
77) Bromobenzene	12.976	156	99099	48.004	ug/l	99
78) n-propylbenzene	13.035	91	492017	49.308	ug/l	99
79) 2-Chlorotoluene	13.124	91	313514	49.266	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	361577	50.007	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	41596	48.706	ug/l	95
82) 4-Chlorotoluene	13.218	91	317395	49.701	ug/l	100
83) tert-Butylbenzene	13.435	119	315958	49.947	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	363500	50.047	ug/l	99
85) sec-Butylbenzene	13.618	105	419470	49.999	ug/l	99
86) p-Isopropyltoluene	13.729	119	354421	50.396	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	185177	47.530	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	186952	47.390	ug/l	99
89) n-Butylbenzene	14.053	91	305586	48.396	ug/l	99
90) Hexachloroethane	14.335	117	69410	49.098	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	185794	49.413	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	27972	55.687	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	98310	48.724	ug/l	97
94) Hexachlorobutadiene	15.500	225	39412	45.995	ug/l	99
95) Naphthalene	15.641	128	332762	54.209	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	95500	49.525	ug/l	99

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

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