

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083318.D
 Acq On : 14 Aug 2024 22:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 23:28:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	280699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130934	58.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.680%			
35) Dibromofluoromethane	8.165	113	95035	54.242	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.480%			
50) Toluene-d8	10.565	98	349090	53.413	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.820%			
62) 4-Bromofluorobenzene	12.847	95	138812	54.480	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83980	46.968	ug/l	100
3) Chloromethane	2.365	50	84860	46.357	ug/l	98
4) Vinyl Chloride	2.512	62	95525	51.141	ug/l	97
5) Bromomethane	2.936	94	48794	42.099	ug/l	93
6) Chloroethane	3.106	64	60654	51.902	ug/l	100
7) Trichlorofluoromethane	3.489	101	161725	52.411	ug/l	95
8) Diethyl Ether	3.959	74	58171	50.662	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	87042	51.163	ug/l	98
10) Methyl Iodide	4.583	142	94542	42.246	ug/l	94
11) Tert butyl alcohol	5.530	59	121824	261.199	ug/l	99
12) 1,1-Dichloroethene	4.336	96	82767	47.354	ug/l	93
13) Acrolein	4.177	56	70520	231.992	ug/l	99
14) Allyl chloride	5.018	41	152481m	46.165	ug/l	
15) Acrylonitrile	5.724	53	247407	257.924	ug/l	99
16) Acetone	4.430	43	207500	236.284	ug/l	96
17) Carbon Disulfide	4.706	76	209372	40.940	ug/l	99
18) Methyl Acetate	5.024	43	141348	54.022	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	318639	50.508	ug/l	96
20) Methylene Chloride	5.271	84	95626	47.314	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	85779	47.484	ug/l	90
22) Diisopropyl ether	6.671	45	324640	52.289	ug/l	97
23) Vinyl Acetate	6.606	43	1777241	279.276	ug/l	95
24) 1,1-Dichloroethane	6.565	63	176979	52.297	ug/l	99
25) 2-Butanone	7.489	43	335488	248.801	ug/l	93
26) 2,2-Dichloropropane	7.494	77	124087	39.483	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	108567	49.804	ug/l	92
28) Bromochloromethane	7.818	49	71437	51.654	ug/l	87
29) Tetrahydrofuran	7.841	42	224033	257.018	ug/l	89
30) Chloroform	7.971	83	189826	53.992	ug/l	100
31) Cyclohexane	8.259	56	148598	44.679	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	173942	52.267	ug/l	95
36) 1,1-Dichloropropene	8.371	75	127485	48.101	ug/l	99
37) Ethyl Acetate	7.559	43	138240	46.584	ug/l #	94
38) Carbon Tetrachloride	8.365	117	147604	49.446	ug/l	96
39) Methylcyclohexane	9.600	83	144807	44.483	ug/l	99
40) Benzene	8.606	78	391254	49.554	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	79331	47.017	ug/l	95
42) 1,2-Dichloroethane	8.671	62	148354	51.580	ug/l	99
43) Isopropyl Acetate	8.688	43	254515	49.412	ug/l #	95
44) Trichloroethene	9.353	130	90844	48.339	ug/l	94
45) 1,2-Dichloropropane	9.624	63	96972	51.741	ug/l	96
46) Dibromomethane	9.712	93	69972	52.160	ug/l	99
47) Bromodichloromethane	9.888	83	152029	50.472	ug/l	99
48) Methyl methacrylate	9.683	41	116402	47.445	ug/l	91
49) 1,4-Dioxane	9.694	88	42758	966.022	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	725867	258.663	ug/l	94
52) Toluene	10.630	92	250838	50.281	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	150904	48.772	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	157898	47.979	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	94647	52.940	ug/l	97
56) Ethyl methacrylate	10.877	69	167816	49.792	ug/l	89
57) 1,3-Dichloropropane	11.165	76	164576	51.646	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	337052	236.586	ug/l	96
59) 2-Hexanone	11.194	43	540860	249.129	ug/l	93
60) Dibromochloromethane	11.359	129	112843	52.205	ug/l	98
61) 1,2-Dibromoethane	11.471	107	96518	51.392	ug/l	98
64) Tetrachloroethene	11.106	164	80282	49.122	ug/l	96
65) Chlorobenzene	11.894	112	269770	49.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	95711	49.763	ug/l	99
67) Ethyl Benzene	11.965	91	494294	49.409	ug/l	100
68) m/p-Xylenes	12.071	106	373433	99.648	ug/l	99
69) o-Xylene	12.400	106	182790	49.455	ug/l	99
70) Styrene	12.412	104	313733	50.539	ug/l	98
71) Bromoform	12.576	173	74722	51.283	ug/l #	100
73) Isopropylbenzene	12.694	105	476570	45.728	ug/l	100
74) N-amyl acetate	12.494	43	220704	43.295	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	140301	47.598	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	127680m	46.690	ug/l	
77) Bromobenzene	12.982	156	108393	46.820	ug/l	97
78) n-propylbenzene	13.035	91	560557	46.711	ug/l	100
79) 2-Chlorotoluene	13.123	91	350635	46.086	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	408666	46.837	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	51973	41.341	ug/l	89
82) 4-Chlorotoluene	13.223	91	347284	45.506	ug/l	98
83) tert-Butylbenzene	13.441	119	356080	46.083	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	414178	47.102	ug/l	100
85) sec-Butylbenzene	13.618	105	490825	46.552	ug/l	100
86) p-Isopropyltoluene	13.729	119	407874	46.852	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	204798	47.012	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	202185	46.038	ug/l	98
89) n-Butylbenzene	14.059	91	354329	46.973	ug/l	99
90) Hexachloroethane	14.335	117	74906	44.537	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	196970	46.725	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31337	43.811	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	106151	44.947	ug/l	98
94) Hexachlorobutadiene	15.500	225	42377	40.347	ug/l	99
95) Naphthalene	15.641	128	375782	44.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	104890	44.886	ug/l	97

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

