

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081424\
 Data File : VN083295.D
 Acq On : 14 Aug 2024 12:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 14 23:14:20 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	165534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122826	52.129	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.260%
35) Dibromofluoromethane	8.171	113	90305	51.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.380%
50) Toluene-d8	10.565	98	337123	51.234	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.460%
62) 4-Bromofluorobenzene	12.853	95	135336	52.757	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	88523	47.158	ug/l	98
3) Chloromethane	2.365	50	89486	46.562	ug/l	96
4) Vinyl Chloride	2.512	62	96057	48.983	ug/l	96
5) Bromomethane	2.942	94	53952	44.339	ug/l	100
6) Chloroethane	3.112	64	61671	50.266	ug/l	97
7) Trichlorofluoromethane	3.495	101	169822	52.421	ug/l	97
8) Diethyl Ether	3.959	74	57654	47.827	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	91744	51.366	ug/l	99
10) Methyl Iodide	4.583	142	96810	41.205	ug/l	93
11) Tert butyl alcohol	5.524	59	122885	250.960	ug/l	99
12) 1,1-Dichloroethene	4.342	96	86237	46.996	ug/l	87
13) Acrolein	4.183	56	76414	239.443	ug/l	98
14) Allyl chloride	5.024	41	159911	46.115	ug/l	89
15) Acrylonitrile	5.718	53	244473	242.760	ug/l	98
16) Acetone	4.424	43	202275	219.394	ug/l	99
17) Carbon Disulfide	4.706	76	220684	41.102	ug/l	99
18) Methyl Acetate	5.030	43	136868	49.826	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	331920	50.114	ug/l	99
20) Methylene Chloride	5.277	84	98695	46.513	ug/l #	78
21) trans-1,2-Dichloroethene	5.783	96	89928	47.417	ug/l	90
22) Diisopropyl ether	6.677	45	332029	50.939	ug/l	98
23) Vinyl Acetate	6.600	43	1823939	273.001	ug/l	96
24) 1,1-Dichloroethane	6.571	63	181204	51.002	ug/l	100
25) 2-Butanone	7.482	43	332401	234.803	ug/l	92
26) 2,2-Dichloropropane	7.488	77	154672	46.878	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	112641	49.219	ug/l	94
28) Bromochloromethane	7.812	49	72630	50.022	ug/l	85
29) Tetrahydrofuran	7.841	42	212863	232.605	ug/l #	87
30) Chloroform	7.965	83	196262	53.171	ug/l	98
31) Cyclohexane	8.259	56	159977	45.816	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	180121	51.554	ug/l	97
36) 1,1-Dichloropropene	8.371	75	134252	50.312	ug/l	99
37) Ethyl Acetate	7.559	43	137359	45.975	ug/l #	95
38) Carbon Tetrachloride	8.365	117	154915	51.545	ug/l	99
39) Methylcyclohexane	9.600	83	157882	48.172	ug/l	98
40) Benzene	8.606	78	404907	50.937	ug/l	99

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41) Methacrylonitrile	7.777	41	78258	46.068	ug/l	93
42) 1,2-Dichloroethane	8.671	62	154557	53.374	ug/l	98
43) Isopropyl Acetate	8.688	43	252838	48.708	ug/l #	94
44) Trichloroethene	9.353	130	96274	50.883	ug/l	98
45) 1,2-Dichloropropane	9.624	63	100079	53.038	ug/l	99
46) Dibromomethane	9.712	93	72298	53.530	ug/l	99
47) Bromodichloromethane	9.888	83	155782	51.369	ug/l	99
48) Methyl methacrylate	9.682	41	117620	47.618	ug/l	92
49) 1,4-Dioxane	9.694	88	42819	960.872	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	714918	253.043	ug/l	93
52) Toluene	10.629	92	260237	51.813	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	161721	51.915	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	168161	50.753	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	95596	53.110	ug/l	98
56) Ethyl methacrylate	10.876	69	172350	50.792	ug/l	88
57) 1,3-Dichloropropane	11.165	76	169602	52.864	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	364003	253.780	ug/l	97
59) 2-Hexanone	11.194	43	532597	243.668	ug/l	92
60) Dibromochloromethane	11.359	129	117651	54.062	ug/l	98
61) 1,2-Dibromoethane	11.470	107	97558	51.595	ug/l	97
64) Tetrachloroethene	11.106	164	83497	50.230	ug/l	95
65) Chlorobenzene	11.894	112	280885	50.640	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	99691	50.961	ug/l	99
67) Ethyl Benzene	11.965	91	520196	51.124	ug/l	99
68) m/p-Xylenes	12.070	106	388963	102.048	ug/l	98
69) o-Xylene	12.400	106	189655	50.450	ug/l	100
70) Styrene	12.412	104	327524	51.874	ug/l	98
71) Bromoform	12.582	173	74422	50.218	ug/l #	97
73) Isopropylbenzene	12.694	105	496635	48.403	ug/l	100
74) N-amyl acetate	12.494	43	224010	44.635	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	140246	48.328	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	128158m	47.602	ug/l	
77) Bromobenzene	12.982	156	113178	49.656	ug/l	97
78) n-propylbenzene	13.035	91	590000	49.938	ug/l	100
79) 2-Chlorotoluene	13.123	91	367969	49.125	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	428037	49.829	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	56887	45.962	ug/l	86
82) 4-Chlorotoluene	13.223	91	364156	48.468	ug/l	98
83) tert-Butylbenzene	13.441	119	371735	48.866	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	430444	49.723	ug/l	100
85) sec-Butylbenzene	13.617	105	517202	49.826	ug/l	100
86) p-Isopropyltoluene	13.729	119	434576	50.705	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	213990	49.896	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	211478	48.912	ug/l	98
89) n-Butylbenzene	14.059	91	382193	51.464	ug/l	98
90) Hexachloroethane	14.335	117	78059	47.142	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	206688	49.802	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30853	43.813	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	112669	48.458	ug/l	97
94) Hexachlorobutadiene	15.500	225	46384	44.858	ug/l	98
95) Naphthalene	15.641	128	389373	47.278	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	110529	48.043	ug/l	97

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

