

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081919.D
 Acq On : 30 Apr 2024 09:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 01 00:48:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	208731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	415802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	367827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182480	51.799	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.600%			
35) Dibromofluoromethane	8.171	113	133374	53.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	10.565	98	523985	53.292	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.580%			
62) 4-Bromofluorobenzene	12.847	95	195680	50.345	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	117448	40.084	ug/l	97
3) Chloromethane	2.359	50	138126	45.188	ug/l	98
4) Vinyl Chloride	2.518	62	124839	45.117	ug/l	97
5) Bromomethane	2.953	94	63877	54.749	ug/l	95
6) Chloroethane	3.124	64	72163	51.601	ug/l	97
7) Trichlorofluoromethane	3.500	101	176942	41.339	ug/l	99
8) Diethyl Ether	3.959	74	99409	54.673	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	117730	47.376	ug/l	95
10) Methyl Iodide	4.589	142	138481	63.624	ug/l	95
11) Tert butyl alcohol	5.518	59	145513	227.216	ug/l	98
12) 1,1-Dichloroethene	4.342	96	122094	48.295	ug/l	94
13) Acrolein	4.171	56	110221	219.734	ug/l	99
14) Allyl chloride	5.024	41	225845	42.233	ug/l	93
15) Acrylonitrile	5.712	53	383728	249.530	ug/l	98
16) Acetone	4.418	43	266920	256.365	ug/l	100
17) Carbon Disulfide	4.712	76	333263	43.859	ug/l	99
18) Methyl Acetate	5.024	43	178902	50.137	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	490097	51.375	ug/l	98
20) Methylene Chloride	5.277	84	154425	51.151	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	130476	47.335	ug/l #	80
22) Diisopropyl ether	6.671	45	524168	50.655	ug/l #	95
23) Vinyl Acetate	6.600	43	2159063	256.792	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	272083	50.517	ug/l	98
25) 2-Butanone	7.483	43	477814	238.971	ug/l	91
26) 2,2-Dichloropropane	7.494	77	219857	44.375	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	170317	52.877	ug/l	89
28) Bromochloromethane	7.812	49	125902	49.184	ug/l	82
29) Tetrahydrofuran	7.835	42	324550	226.350	ug/l	93
30) Chloroform	7.965	83	263537	49.364	ug/l	98
31) Cyclohexane	8.259	56	220768	41.600	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	209443	43.992	ug/l	94
36) 1,1-Dichloropropene	8.371	75	182080	44.706	ug/l	95
37) Ethyl Acetate	7.559	43	208284	47.298	ug/l	97
38) Carbon Tetrachloride	8.359	117	163686	41.121	ug/l	99
39) Methylcyclohexane	9.600	83	207601	41.970	ug/l	92
40) Benzene	8.606	78	608188	49.744	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	124212	44.206	ug/l	91
42) 1,2-Dichloroethane	8.671	62	209546	46.155	ug/l	98
43) Isopropyl Acetate	8.688	43	379764	45.865	ug/l	95
44) Trichloroethene	9.353	130	130345	46.240	ug/l	96
45) 1,2-Dichloropropane	9.624	63	163021	50.947	ug/l	98
46) Dibromomethane	9.712	93	103127	46.630	ug/l	93
47) Bromodichloromethane	9.888	83	217661	46.666	ug/l #	98
48) Methyl methacrylate	9.682	41	177363	44.871	ug/l	89
49) 1,4-Dioxane	9.694	88	59925	997.444	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	1067558	229.030	ug/l	96
52) Toluene	10.629	92	361854	49.421	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	250198	49.299	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	267420	51.126	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	142141	49.362	ug/l	98
56) Ethyl methacrylate	10.876	69	264593	48.255	ug/l	89
57) 1,3-Dichloropropane	11.165	76	259063	50.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	649583	260.051	ug/l	92
59) 2-Hexanone	11.194	43	797979	230.039	ug/l	96
60) Dibromochloromethane	11.359	129	153705	50.396	ug/l	97
61) 1,2-Dibromoethane	11.470	107	141408	51.351	ug/l	98
64) Tetrachloroethene	11.106	164	109596	41.024	ug/l	93
65) Chlorobenzene	11.894	112	394886	49.161	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	131365	50.321	ug/l	96
67) Ethyl Benzene	11.965	91	686378	45.947	ug/l	99
68) m/p-Xylenes	12.070	106	515696	96.781	ug/l	94
69) o-Xylene	12.400	106	259361	49.856	ug/l	93
70) Styrene	12.412	104	449483	49.947	ug/l	97
71) Bromoform	12.582	173	93415	45.516	ug/l #	98
73) Isopropylbenzene	12.694	105	635918	45.224	ug/l	100
74) N-amyl acetate	12.494	43	357254	45.634	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	194889	46.153	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	182363m	44.472	ug/l	
77) Bromobenzene	12.982	156	141594	48.120	ug/l	75
78) n-propylbenzene	13.035	91	774409	45.339	ug/l	96
79) 2-Chlorotoluene	13.129	91	480866	44.250	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	522789	43.936	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	85038	42.495	ug/l	96
82) 4-Chlorotoluene	13.223	91	472061	44.744	ug/l	95
83) tert-Butylbenzene	13.441	119	433046	43.702	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	538018	45.278	ug/l	96
85) sec-Butylbenzene	13.617	105	629507	45.101	ug/l	97
86) p-Isopropyltoluene	13.729	119	505668	45.120	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	259145	47.200	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	265223	49.055	ug/l	97
89) n-Butylbenzene	14.059	91	480730	46.083	ug/l	97
90) Hexachloroethane	14.335	117	94740	42.973	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	261549	49.693	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40465	39.361	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	144117	48.943	ug/l	99
94) Hexachlorobutadiene	15.506	225	47381	43.656	ug/l	98
95) Naphthalene	15.641	128	534377	48.027	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	142818	50.517	ug/l	97

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

