

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080947.D
 Acq On : 07 Feb 2024 19:39
 Operator : JC\MD
 Sample : P1372-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CG-MW-63MS

Quant Time: Feb 08 00:31:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2024
 Supervised By : Semsettin Yesilyurt 02/08/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	403815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	745304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	672018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	303920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	255904	50.235	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.460%			
35) Dibromofluoromethane	8.171	113	221178	55.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.600%			
50) Toluene-d8	10.571	98	779294	53.871	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.740%			
62) 4-Bromofluorobenzene	12.853	95	285060	54.245	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	209495	45.792	ug/l	99
3) Chloromethane	2.359	50	234379	49.435	ug/l	98
4) Vinyl Chloride	2.512	62	289912	48.522	ug/l	94
5) Bromomethane	2.942	94	171804	44.697	ug/l	94
6) Chloroethane	3.112	64	197827	46.949	ug/l	100
7) Trichlorofluoromethane	3.489	101	372076	47.560	ug/l	98
8) Diethyl Ether	3.959	74	132819	47.519	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.365	101	201548	45.798	ug/l	91
10) Methyl Iodide	4.589	142	189684	44.569	ug/l	99
11) Tert butyl alcohol	5.524	59	194279	276.798	ug/l	99
12) 1,1-Dichloroethene	4.336	96	197450	45.607	ug/l	93
13) Acrolein	4.177	56	222849	251.912	ug/l	98
14) Allyl chloride	5.024	41	261530	45.592	ug/l #	86
15) Acrylonitrile	5.718	53	515296	268.585	ug/l	98
16) Acetone	4.430	43	370566	221.106	ug/l	97
17) Carbon Disulfide	4.712	76	475599	43.554	ug/l	98
18) Methyl Acetate	5.024	43	258264	52.269	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	722770	50.120	ug/l	93
20) Methylene Chloride	5.283	84	230955	45.484	ug/l #	84
21) trans-1,2-Dichloroethene	5.788	96	223919	46.075	ug/l	95
22) Diisopropyl ether	6.677	45	667290	50.187	ug/l #	92
23) Vinyl Acetate	6.606	43	2450744	279.719	ug/l #	87
24) 1,1-Dichloroethane	6.565	63	407129	47.018	ug/l #	94
25) 2-Butanone	7.482	43	652985	242.740	ug/l #	89
26) 2,2-Dichloropropane	7.488	77	356513	45.024	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	290853	51.505	ug/l	82
28) Bromochloromethane	7.818	49	172062	47.754	ug/l #	54
29) Tetrahydrofuran	7.835	42	437248	265.856	ug/l #	79
30) Chloroform	7.965	83	463661	48.452	ug/l	95
31) Cyclohexane	8.259	56	288792	41.480	ug/l #	72
32) 1,1,1-Trichloroethane	8.171	97	411038	49.571	ug/l	94
36) 1,1-Dichloropropene	8.371	75	317940	53.439	ug/l	96
37) Ethyl Acetate	7.559	43	261467	58.080	ug/l #	94
38) Carbon Tetrachloride	8.365	117	345059	56.576	ug/l	96
39) Methylcyclohexane	9.606	83	294729	44.447	ug/l	84
40) Benzene	8.606	78	963662	53.211	ug/l	95

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41) Methacrylonitrile	7.777	41	151455	56.452	ug/l	90
42) 1,2-Dichloroethane	8.677	62	331607	52.589	ug/l	97
43) Isopropyl Acetate	8.688	43	490215	59.216	ug/l #	92
44) Trichloroethene	9.353	130	255448	46.437	ug/l	98
45) 1,2-Dichloropropane	9.624	63	237110	48.525	ug/l	98
46) Dibromomethane	9.712	93	178961	49.529	ug/l #	90
47) Bromodichloromethane	9.894	83	360405	50.995	ug/l #	96
48) Methyl methacrylate	9.682	41	220053	47.179	ug/l #	84
49) 1,4-Dioxane	9.700	88	87582	1016.988	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1449861	290.618	ug/l	91
52) Toluene	10.635	92	625737	51.583	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	365828	53.494	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	392265	51.100	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	249569	53.230	ug/l	96
56) Ethyl methacrylate	10.876	69	366014	65.258	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	418295	54.990	ug/l	99
59) 2-Hexanone	11.200	43	1063216	281.183	ug/l	89
60) Dibromochloromethane	11.365	129	270753	56.516	ug/l	99
61) 1,2-Dibromoethane	11.470	107	258442	55.260	ug/l	99
64) Tetrachloroethene	11.106	164	337169	66.470	ug/l	91
65) Chlorobenzene	11.894	112	655895	46.570	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	251697	49.524	ug/l	97
67) Ethyl Benzene	11.965	91	1146010	47.236	ug/l	94
68) m/p-Xylenes	12.076	106	899214	97.557	ug/l	93
69) o-Xylene	12.400	106	448034	50.094	ug/l	93
70) Styrene	12.417	104	749483	55.835	ug/l	96
71) Bromoform	12.582	173	182092	53.494	ug/l #	95
73) Isopropylbenzene	12.700	105	1080865	45.729	ug/l	98
74) N-amyl acetate	12.500	43	426434	50.051	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	367376	49.964	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	283839m	45.804	ug/l	
77) Bromobenzene	12.982	156	268929	45.093	ug/l	73
78) n-propylbenzene	13.041	91	1219870	45.712	ug/l	95
79) 2-Chlorotoluene	13.129	91	767477	45.509	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	882928	45.957	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	105075	46.069	ug/l	91
82) 4-Chlorotoluene	13.223	91	760510	45.199	ug/l	92
83) tert-Butylbenzene	13.441	119	724288	44.228	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	891031	46.566	ug/l	95
85) sec-Butylbenzene	13.617	105	987573	44.878	ug/l	94
86) p-Isopropyltoluene	13.735	119	825577	44.393	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	476910	44.902	ug/l	95
88) 1,4-Dichlorobenzene	13.817	146	475433	44.110	ug/l	97
89) n-Butylbenzene	14.059	91	659932	40.172	ug/l	97
90) Hexachloroethane	14.335	117	136605	46.584	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	465708	45.767	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67005	48.719	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	209909	41.702	ug/l	97
94) Hexachlorobutadiene	15.506	225	71345	32.693	ug/l	97
95) Naphthalene	15.647	128	811196	48.810	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	207744	41.929	ug/l	97

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

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