

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022924\
 Data File : VN081262.D
 Acq On : 29 Feb 2024 12:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 29 23:48:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/01/2024
 Supervised By : Semsettin Yesilyurt 03/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	253178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	459361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	413817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173740	55.986	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.980%			
35) Dibromofluoromethane	8.165	113	150308	57.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.740%			
50) Toluene-d8	10.571	98	462798	50.164	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.847	95	182047	52.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	172462	52.673	ug/l	91
3) Chloromethane	2.359	50	166479	46.514	ug/l	97
4) Vinyl Chloride	2.512	62	186204	51.199	ug/l	92
5) Bromomethane	2.953	94	122935	47.591	ug/l	99
6) Chloroethane	3.118	64	128011	54.518	ug/l	91
7) Trichlorofluoromethane	3.495	101	296741	55.851	ug/l	96
8) Diethyl Ether	3.953	74	108400	55.804	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	171790	58.000	ug/l	94
10) Methyl Iodide	4.589	142	159476	48.236	ug/l	91
11) Tert butyl alcohol	5.512	59	142903	250.399	ug/l	99
12) 1,1-Dichloroethene	4.342	96	152052	53.107	ug/l	90
13) Acrolein	4.183	56	89026	291.046	ug/l	99
14) Allyl chloride	5.018	41	226088	53.220	ug/l #	87
15) Acrylonitrile	5.712	53	443034	297.242	ug/l	98
16) Acetone	4.430	43	307397	251.746	ug/l	99
17) Carbon Disulfide	4.712	76	364558	45.650	ug/l	98
18) Methyl Acetate	5.024	43	211630	71.047	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	571093	58.238	ug/l	98
20) Methylene Chloride	5.277	84	186076	59.075	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	172476	53.994	ug/l	92
22) Diisopropyl ether	6.671	45	588317	61.050	ug/l #	94
23) Vinyl Acetate	6.600	43	2232008	285.472	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	333807	59.907	ug/l	97
25) 2-Butanone	7.483	43	548549	278.076	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	291381	55.810	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	209547	56.461	ug/l	90
28) Bromochloromethane	7.818	49	152393	65.970	ug/l #	68
29) Tetrahydrofuran	7.841	42	371573	282.169	ug/l #	85
30) Chloroform	7.965	83	363294	61.330	ug/l	98
31) Cyclohexane	8.253	56	262537	48.996	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	317668	58.884	ug/l	92
36) 1,1-Dichloropropene	8.371	75	254029	57.083	ug/l	96
37) Ethyl Acetate	7.559	43	239213	59.560	ug/l	98
38) Carbon Tetrachloride	8.359	117	268814	59.705	ug/l	98
39) Methylcyclohexane	9.600	83	277723	53.536	ug/l #	87
40) Benzene	8.606	78	759474	58.961	ug/l	96

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41) Methacrylonitrile	7.783	41	124986	54.680	ug/l	92
42) 1,2-Dichloroethane	8.671	62	273884	60.945	ug/l	99
43) Isopropyl Acetate	8.688	43	414362	58.990	ug/l #	95
44) Trichloroethene	9.353	130	191955	55.951	ug/l	99
45) 1,2-Dichloropropane	9.624	63	196074	60.853	ug/l	98
46) Dibromomethane	9.712	93	137550	58.590	ug/l	94
47) Bromodichloromethane	9.888	83	282216	63.471	ug/l #	99
48) Methyl methacrylate	9.682	41	187976	57.512	ug/l	88
49) 1,4-Dioxane	9.700	88	76250	1278.887	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1244997	308.113	ug/l	96
52) Toluene	10.629	92	473797	58.102	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	291749	59.046	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	322122	60.340	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	195744	62.411	ug/l	89
56) Ethyl methacrylate	10.876	69	285621	59.586	ug/l	89
57) 1,3-Dichloropropane	11.165	76	329437	60.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	695793	289.300	ug/l #	88
59) 2-Hexanone	11.194	43	905768	282.745	ug/l	96
60) Dibromochloromethane	11.359	129	199187	59.781	ug/l	99
61) 1,2-Dibromoethane	11.471	107	189901	57.578	ug/l	98
64) Tetrachloroethene	11.106	164	175094	61.995	ug/l	89
65) Chlorobenzene	11.894	112	499202	55.738	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	188299	58.535	ug/l	97
67) Ethyl Benzene	11.965	91	922887	57.585	ug/l	99
68) m/p-Xylenes	12.071	106	684552	111.437	ug/l	99
69) o-Xylene	12.400	106	334050	54.859	ug/l	97
70) Styrene	12.412	104	569223	58.992	ug/l	96
71) Bromoform	12.582	173	119575	58.589	ug/l #	96
73) Isopropylbenzene	12.700	105	889902	51.503	ug/l	98
74) N-amyl acetate	12.494	43	355677	48.706	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	262022	53.930	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	240022m	53.493	ug/l	
77) Bromobenzene	12.982	156	195652	50.784	ug/l	77
78) n-propylbenzene	13.035	91	1089735	54.786	ug/l	97
79) 2-Chlorotoluene	13.129	91	627021	51.393	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	758400	54.135	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	84686	48.579	ug/l #	80
82) 4-Chlorotoluene	13.223	91	619463	51.927	ug/l	94
83) tert-Butylbenzene	13.441	119	639160	52.764	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	768005	55.014	ug/l	98
85) sec-Butylbenzene	13.617	105	954746	56.694	ug/l	95
86) p-Isopropyltoluene	13.729	119	771960	55.188	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	385172	52.913	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	384740	53.789	ug/l	98
89) n-Butylbenzene	14.059	91	706618	57.985	ug/l	97
90) Hexachloroethane	14.335	117	134562	58.198	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	384692	54.793	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	54835	54.284	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	217969	55.649	ug/l	99
94) Hexachlorobutadiene	15.500	225	83172	56.936	ug/l	97
95) Naphthalene	15.641	128	771925	53.780	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	213081	54.838	ug/l	97

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

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