

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022924\
 Data File : VN081271.D
 Acq On : 29 Feb 2024 17:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 29 23:53:40 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	265052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	473081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	434102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	174406	53.683	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.360%			
35) Dibromofluoromethane	8.165	113	155754	58.223	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.440%			
50) Toluene-d8	10.571	98	492619	51.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.847	95	200206	56.078	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.160%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	173385	50.583	ug/l	94
3) Chloromethane	2.359	50	160294	42.683	ug/l	95
4) Vinyl Chloride	2.518	62	178811	46.964	ug/l	92
5) Bromomethane	2.959	94	114450	42.322	ug/l	94
6) Chloroethane	3.124	64	121748	49.446	ug/l	93
7) Trichlorofluoromethane	3.495	101	287169	51.628	ug/l	90
8) Diethyl Ether	3.965	74	104946	51.606	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	166386	53.659	ug/l	93
10) Methyl Iodide	4.589	142	159919	46.204	ug/l	97
11) Tert butyl alcohol	5.518	59	145974	244.321	ug/l	100
12) 1,1-Dichloroethene	4.342	96	149721	49.950	ug/l	85
13) Acrolein	4.177	56	51273	160.114	ug/l	96
14) Allyl chloride	5.018	41	217500	48.905	ug/l #	87
15) Acrylonitrile	5.718	53	428130	274.374	ug/l	96
16) Acetone	4.424	43	314938	246.367	ug/l	99
17) Carbon Disulfide	4.712	76	339024	40.551	ug/l	97
18) Methyl Acetate	5.018	43	200621	64.334	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	549097	53.487	ug/l	97
20) Methylene Chloride	5.277	84	179423	54.336	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	163572	48.912	ug/l	88
22) Diisopropyl ether	6.671	45	556940	55.204	ug/l #	95
23) Vinyl Acetate	6.600	43	2160887	263.994	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	318964	54.679	ug/l	99
25) 2-Butanone	7.483	43	556308	269.375	ug/l	96
26) 2,2-Dichloropropane	7.488	77	291436	53.320	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	202219	52.045	ug/l	86
28) Bromochloromethane	7.812	49	129095	53.381	ug/l #	67
29) Tetrahydrofuran	7.835	42	364506	264.402	ug/l #	88
30) Chloroform	7.965	83	346841	55.930	ug/l	98
31) Cyclohexane	8.259	56	259543	46.267	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	300356	53.181	ug/l	95
36) 1,1-Dichloropropene	8.371	75	243926	53.223	ug/l	97
37) Ethyl Acetate	7.559	43	220833	53.389	ug/l	98
38) Carbon Tetrachloride	8.365	117	252796	54.519	ug/l	94
39) Methylcyclohexane	9.600	83	276301	51.717	ug/l #	87
40) Benzene	8.606	78	723037	54.505	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	129713	55.102	ug/l	96
42) 1,2-Dichloroethane	8.671	62	258012	55.748	ug/l	99
43) Isopropyl Acetate	8.688	43	399066	55.165	ug/l #	97
44) Trichloroethene	9.353	130	183742	52.004	ug/l	96
45) 1,2-Dichloropropane	9.624	63	187301	56.444	ug/l	92
46) Dibromomethane	9.712	93	133176	55.082	ug/l	92
47) Bromodichloromethane	9.888	83	267285	58.370	ug/l #	96
48) Methyl methacrylate	9.682	41	184659	54.859	ug/l	90
49) 1,4-Dioxane	9.694	88	71746	1164.855	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1227259	294.915	ug/l	96
52) Toluene	10.629	92	457822	54.515	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	288863	56.766	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	306857	55.814	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	185781	57.516	ug/l	94
56) Ethyl methacrylate	10.876	69	279731	56.665	ug/l	89
57) 1,3-Dichloropropane	11.165	76	318744	57.071	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	538983	217.602	ug/l #	89
59) 2-Hexanone	11.200	43	913541	276.901	ug/l	96
60) Dibromochloromethane	11.359	129	196641	57.306	ug/l	99
61) 1,2-Dibromoethane	11.470	107	186845	55.008	ug/l	97
64) Tetrachloroethene	11.106	164	167474	56.526	ug/l	97
65) Chlorobenzene	11.894	112	488499	51.994	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	182138	53.974	ug/l	97
67) Ethyl Benzene	11.965	91	902846	53.702	ug/l	100
68) m/p-Xylenes	12.070	106	683687	106.096	ug/l	96
69) o-Xylene	12.400	106	331805	51.944	ug/l	96
70) Styrene	12.412	104	553703	54.702	ug/l	98
71) Bromoform	12.582	173	125451	58.596	ug/l #	98
73) Isopropylbenzene	12.700	105	879437	47.718	ug/l	97
74) N-amyl acetate	12.494	43	361679	46.434	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	264353	51.011	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	236375m	49.390	ug/l	
77) Bromobenzene	12.982	156	194836	47.413	ug/l	78
78) n-propylbenzene	13.035	91	1074097	50.627	ug/l	97
79) 2-Chlorotoluene	13.129	91	621742	47.778	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	748993	50.124	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	90827	48.848	ug/l	93
82) 4-Chlorotoluene	13.223	91	624867	49.109	ug/l	93
83) tert-Butylbenzene	13.441	119	631109	48.845	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	763009	51.243	ug/l	98
85) sec-Butylbenzene	13.617	105	942453	52.468	ug/l	95
86) p-Isopropyltoluene	13.729	119	779549	52.249	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	387352	49.889	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	384919	50.452	ug/l	97
89) n-Butylbenzene	14.059	91	718092	55.246	ug/l	97
90) Hexachloroethane	14.335	117	134339	54.473	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	369170	49.298	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50219	46.609	ug/l	73
93) 1,2,4-Trichlorobenzene	15.400	180	213905	51.200	ug/l	99
94) Hexachlorobutadiene	15.500	225	82547	52.979	ug/l	97
95) Naphthalene	15.641	128	749968	48.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	214433	51.739	ug/l	99

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

