

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031224\
 Data File : VN081367.D
 Acq On : 12 Mar 2024 10:24
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 04:48:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/13/2024
 Supervised By :Semsettin Yesilyurt 03/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	333801	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	602772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	558214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	258256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	251188	52.045	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.080%			
35) Dibromofluoromethane	8.171	113	199199	53.940	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.880%			
50) Toluene-d8	10.571	98	713979	51.718	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.440%			
62) 4-Bromofluorobenzene	12.847	95	265510	54.415	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.840%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	212774	48.086	ug/l	100
3) Chloromethane	2.359	50	201831	42.227	ug/l	98
4) Vinyl Chloride	2.518	62	213403	42.799	ug/l	96
5) Bromomethane	2.947	94	139274	41.822	ug/l	94
6) Chloroethane	3.118	64	145045	42.353	ug/l	99
7) Trichlorofluoromethane	3.500	101	330668	44.828	ug/l	96
8) Diethyl Ether	3.959	74	130198	50.100	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	185496	44.161	ug/l	93
10) Methyl Iodide	4.589	142	214442	55.787	ug/l	99
11) Tert butyl alcohol	5.518	59	192814	228.471	ug/l	99
12) 1,1-Dichloroethene	4.342	96	171109	43.986	ug/l	92
13) Acrolein	4.177	56	238388	238.551	ug/l	99
14) Allyl chloride	5.018	41	265439	45.979	ug/l #	90
15) Acrylonitrile	5.718	53	508741	230.751	ug/l	95
16) Acetone	4.424	43	358390	209.583	ug/l	95
17) Carbon Disulfide	4.712	76	455725	41.047	ug/l #	95
18) Methyl Acetate	5.018	43	261850	53.484	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	666638	50.528	ug/l	99
20) Methylene Chloride	5.283	84	215773	51.089	ug/l #	83
21) trans-1,2-Dichloroethene	5.788	96	191769	43.725	ug/l	99
22) Diisopropyl ether	6.671	45	664997	51.862	ug/l #	94
23) Vinyl Acetate	6.600	43	2630106	252.486	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	383069	48.803	ug/l	96
25) 2-Butanone	7.482	43	638242	222.870	ug/l	95
26) 2,2-Dichloropropane	7.488	77	329067	47.435	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	234994	47.261	ug/l	90
28) Bromochloromethane	7.812	49	177318	52.796	ug/l #	71
29) Tetrahydrofuran	7.835	42	441273	225.971	ug/l #	88
30) Chloroform	7.965	83	403570	49.546	ug/l	97
31) Cyclohexane	8.259	56	309437	42.347	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	345308	47.960	ug/l	96
36) 1,1-Dichloropropene	8.371	75	283785	47.632	ug/l	97
37) Ethyl Acetate	7.553	43	276183	47.421	ug/l	99
38) Carbon Tetrachloride	8.359	117	291580	48.627	ug/l	99
39) Methylcyclohexane	9.600	83	312610	45.592	ug/l	93
40) Benzene	8.606	78	847984	47.683	ug/l	94

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41) Methacrylonitrile	7.777	41	149098	45.333	ug/l	95
42) 1,2-Dichloroethane	8.671	62	319948	51.027	ug/l	100
43) Isopropyl Acetate	8.688	43	488162	47.888	ug/l #	96
44) Trichloroethene	9.353	130	213647	47.634	ug/l	96
45) 1,2-Dichloropropane	9.624	63	227117	50.839	ug/l	96
46) Dibromomethane	9.712	93	160521	50.977	ug/l	91
47) Bromodichloromethane	9.888	83	320235	52.386	ug/l #	99
48) Methyl methacrylate	9.682	41	229289	50.886	ug/l	92
49) 1,4-Dioxane	9.694	88	85303	858.917	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	1463592	247.270	ug/l	97
52) Toluene	10.629	92	519912	48.397	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	363491	54.956	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	378689	53.037	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	216450	50.809	ug/l	96
56) Ethyl methacrylate	10.876	69	331927	54.262	ug/l	92
57) 1,3-Dichloropropane	11.165	76	382946	51.506	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	897764	272.835	ug/l #	90
59) 2-Hexanone	11.194	43	1076842	243.355	ug/l	96
60) Dibromochloromethane	11.359	129	235966	53.783	ug/l	100
61) 1,2-Dibromoethane	11.470	107	222496	50.336	ug/l	98
64) Tetrachloroethene	11.106	164	209148	47.851	ug/l	96
65) Chlorobenzene	11.894	112	568756	48.351	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	211750	49.194	ug/l	97
67) Ethyl Benzene	11.965	91	1028817	48.554	ug/l	99
68) m/p-Xylenes	12.070	106	770805	96.660	ug/l	100
69) o-Xylene	12.400	106	379442	49.097	ug/l	100
70) Styrene	12.412	104	642433	52.455	ug/l	98
71) Bromoform	12.582	173	147008	49.194	ug/l #	95
73) Isopropylbenzene	12.700	105	986461	47.303	ug/l	99
74) N-amyl acetate	12.494	43	442461	50.566	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	287420	44.659	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	282730m	46.350	ug/l	
77) Bromobenzene	12.982	156	228341	46.181	ug/l	79
78) n-propylbenzene	13.035	91	1199890	48.646	ug/l	98
79) 2-Chlorotoluene	13.129	91	723824	48.009	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	849884	49.301	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	107746	49.296	ug/l #	79
82) 4-Chlorotoluene	13.223	91	717653	48.191	ug/l	96
83) tert-Butylbenzene	13.441	119	706960	47.835	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	866849	49.632	ug/l	97
85) sec-Butylbenzene	13.617	105	1014163	47.434	ug/l	95
86) p-Isopropyltoluene	13.729	119	860052	50.160	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	431820	46.252	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	427105	45.769	ug/l	98
89) n-Butylbenzene	14.059	91	772376	49.121	ug/l	98
90) Hexachloroethane	14.335	117	149123	49.676	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	413318	46.141	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62346	45.270	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	234491	48.974	ug/l	98
94) Hexachlorobutadiene	15.505	225	87087	44.017	ug/l	95
95) Naphthalene	15.641	128	848046	49.775	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	234261	48.245	ug/l	97

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

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