

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081162.D
 Acq On : 23 Feb 2024 16:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 23 21:59:46 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 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	313679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	561242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	507594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	185019	48.122	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.240%		
35) Dibromofluoromethane	8.171	113	157333	49.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.140%		
50) Toluene-d8	10.571	98	533504	47.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.660%		
62) 4-Bromofluorobenzene	12.853	95	210764	49.762	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	211941	52.246	ug/l	100
3) Chloromethane	2.365	50	199871	45.035	ug/l	97
4) Vinyl Chloride	2.512	62	228125	50.627	ug/l	98
5) Bromomethane	2.948	94	132909	41.529	ug/l	92
6) Chloroethane	3.118	64	160825	55.295	ug/l	97
7) Trichlorofluoromethane	3.501	101	341985	51.951	ug/l	98
8) Diethyl Ether	3.959	74	127788	53.097	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	196252	53.479	ug/l	93
10) Methyl Iodide	4.589	142	172829	42.193	ug/l	98
11) Tert butyl alcohol	5.518	59	206908	292.623	ug/l	100
12) 1,1-Dichloroethene	4.342	96	179425	50.581	ug/l	89
13) Acrolein	4.177	56	88138	232.567	ug/l	100
14) Allyl chloride	5.024	41	262008	49.779	ug/l #	90
15) Acrylonitrile	5.718	53	513123	277.865	ug/l	97
16) Acetone	4.430	43	354473	234.307	ug/l	99
17) Carbon Disulfide	4.718	76	449523	45.433	ug/l	98
18) Methyl Acetate	5.024	43	232454	62.986	ug/l	91
19) Methyl tert-butyl Ether	5.794	73	648046	53.340	ug/l	99
20) Methylene Chloride	5.283	84	213941	54.753	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	197015	49.780	ug/l	93
22) Diisopropyl ether	6.677	45	660286	55.302	ug/l #	96
23) Vinyl Acetate	6.606	43	2693750	278.077	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	380274	55.083	ug/l	95
25) 2-Butanone	7.483	43	642070	262.706	ug/l	92
26) 2,2-Dichloropropane	7.488	77	338372	52.310	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	240680	52.341	ug/l	88
28) Bromochloromethane	7.812	49	164947	57.632	ug/l #	65
29) Tetrahydrofuran	7.841	42	452459	277.323	ug/l #	87
30) Chloroform	7.965	83	401974	54.772	ug/l	99
31) Cyclohexane	8.259	56	323377	48.710	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	359162	53.735	ug/l	93
36) 1,1-Dichloropropene	8.377	75	290821	53.488	ug/l	95
37) Ethyl Acetate	7.559	43	277734	56.599	ug/l	99
38) Carbon Tetrachloride	8.359	117	306729	55.760	ug/l	98
39) Methylcyclohexane	9.606	83	344038	54.280	ug/l #	87
40) Benzene	8.612	78	874737	55.582	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	158051	56.594	ug/l	94
42) 1,2-Dichloroethane	8.671	62	306695	55.858	ug/l	97
43) Isopropyl Acetate	8.688	43	485544	56.576	ug/l	96
44) Trichloroethene	9.353	130	220206	52.534	ug/l	96
45) 1,2-Dichloropropane	9.624	63	224716	57.082	ug/l	98
46) Dibromomethane	9.712	93	159674	55.668	ug/l	92
47) Bromodichloromethane	9.888	83	315189	58.019	ug/l #	99
48) Methyl methacrylate	9.682	41	224205	56.144	ug/l	91
49) 1,4-Dioxane	9.700	88	92000	1262.426	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1468975	297.551	ug/l	96
52) Toluene	10.635	92	552199	55.424	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	343566	56.911	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	366722	56.225	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	222120	57.964	ug/l	95
56) Ethyl methacrylate	10.877	69	340808	58.193	ug/l	88
57) 1,3-Dichloropropane	11.165	76	383817	57.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	743212	252.921	ug/l #	87
59) 2-Hexanone	11.200	43	1080786	276.135	ug/l	96
60) Dibromochloromethane	11.365	129	233909	57.459	ug/l	99
61) 1,2-Dibromoethane	11.471	107	227836	56.540	ug/l	99
64) Tetrachloroethene	11.106	164	194076	56.021	ug/l	95
65) Chlorobenzene	11.894	112	589370	53.648	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	215561	54.630	ug/l	96
67) Ethyl Benzene	11.965	91	1086979	55.294	ug/l	99
68) m/p-Xylenes	12.076	106	833684	110.641	ug/l	95
69) o-Xylene	12.400	106	410484	54.958	ug/l	93
70) Styrene	12.412	104	677171	57.214	ug/l	97
71) Bromoform	12.582	173	150911	60.282	ug/l #	98
73) Isopropylbenzene	12.700	105	1074774	51.441	ug/l	98
74) N-amyl acetate	12.494	43	435619	49.332	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	314491	53.530	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	292043m	53.826	ug/l	
77) Bromobenzene	12.982	156	238561	51.208	ug/l	76
78) n-propylbenzene	13.041	91	1277279	53.104	ug/l	96
79) 2-Chlorotoluene	13.129	91	749849	50.827	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	911063	53.781	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	106164	50.364	ug/l	91
82) 4-Chlorotoluene	13.223	91	751260	52.080	ug/l	95
83) tert-Butylbenzene	13.441	119	797460	54.442	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	920336	54.520	ug/l	97
85) sec-Butylbenzene	13.618	105	1137251	55.847	ug/l	95
86) p-Isopropyltoluene	13.735	119	948054	56.051	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	465105	52.839	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	454334	52.529	ug/l	98
89) n-Butylbenzene	14.059	91	838443	56.899	ug/l	97
90) Hexachloroethane	14.335	117	161784	57.866	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	434895	51.227	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	66022	54.051	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	251708	53.144	ug/l	98
94) Hexachlorobutadiene	15.506	225	90201	51.065	ug/l	99
95) Naphthalene	15.647	128	905934	52.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	244334	52.002	ug/l	97

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

