

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081049.D
 Acq On : 16 Feb 2024 12:06
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 16 23:22:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/17/2024
 Supervised By : Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	413155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	756272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	678834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	290952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	239621	47.317	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.640%		
35) Dibromofluoromethane	8.165	113	208233	48.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.380%		
50) Toluene-d8	10.565	98	717819	47.259	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.520%		
62) 4-Bromofluorobenzene	12.847	95	272290	47.709	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	284241	53.198	ug/l	100
3) Chloromethane	2.365	50	294383	50.503	ug/l	97
4) Vinyl Chloride	2.518	62	290762	48.992	ug/l #	86
5) Bromomethane	2.954	94	201318	47.758	ug/l	93
6) Chloroethane	3.118	64	192294	50.310	ug/l	98
7) Trichlorofluoromethane	3.501	101	428854	49.462	ug/l	98
8) Diethyl Ether	3.959	74	158346	49.952	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	239062	49.460	ug/l	90
10) Methyl Iodide	4.589	142	280089	51.915	ug/l	98
11) Tert butyl alcohol	5.512	59	210743	226.285	ug/l	100
12) 1,1-Dichloroethene	4.342	96	228851	48.981	ug/l	87
13) Acrolein	4.177	56	113393	227.166	ug/l	99
14) Allyl chloride	5.018	41	340354	49.095	ug/l #	92
15) Acrylonitrile	5.712	53	585817	240.850	ug/l	99
16) Acetone	4.418	43	464908	233.315	ug/l	97
17) Carbon Disulfide	4.712	76	626289	48.058	ug/l	96
18) Methyl Acetate	5.018	43	245345	50.473	ug/l #	91
19) Methyl tert-butyl Ether	5.795	73	797547	49.839	ug/l	97
20) Methylene Chloride	5.277	84	257126	49.878	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	247799	47.536	ug/l	95
22) Diisopropyl ether	6.671	45	782248	49.743	ug/l #	91
23) Vinyl Acetate	6.600	43	3218683	252.266	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	450695	49.565	ug/l	96
25) 2-Butanone	7.477	43	764316	237.429	ug/l	93
26) 2,2-Dichloropropane	7.489	77	428617	50.307	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	297885	49.184	ug/l	87
28) Bromochloromethane	7.812	49	184316	48.894	ug/l #	65
29) Tetrahydrofuran	7.836	42	509048	236.885	ug/l #	87
30) Chloroform	7.965	83	472971	48.929	ug/l	100
31) Cyclohexane	8.259	56	400473	45.799	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	432372	49.113	ug/l	92
36) 1,1-Dichloropropene	8.371	75	355662	48.544	ug/l	96
37) Ethyl Acetate	7.559	43	322071	48.708	ug/l	98
38) Carbon Tetrachloride	8.359	117	378830	51.107	ug/l	96
39) Methylcyclohexane	9.600	83	427873	50.098	ug/l	90
40) Benzene	8.606	78	1050586	49.541	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	168999	44.909	ug/l	94
42) 1,2-Dichloroethane	8.671	62	361193	48.819	ug/l	98
43) Isopropyl Acetate	8.688	43	567982	49.115	ug/l #	95
44) Trichloroethene	9.353	130	268737	47.579	ug/l	91
45) 1,2-Dichloropropane	9.624	63	260940	49.190	ug/l	97
46) Dibromomethane	9.712	93	186183	48.170	ug/l #	90
47) Bromodichloromethane	9.888	83	377021	51.504	ug/l #	99
48) Methyl methacrylate	9.683	41	257197	47.797	ug/l	90
49) 1,4-Dioxane	9.694	88	102449	1036.053	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1648030	247.733	ug/l	95
52) Toluene	10.630	92	676316	50.376	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	430194	52.884	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	447314	50.895	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	263756	51.080	ug/l	88
56) Ethyl methacrylate	10.877	69	405864	51.429	ug/l	87
57) 1,3-Dichloropropane	11.165	76	442094	49.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	984088	248.530	ug/l #	87
59) 2-Hexanone	11.194	43	1386313	262.854	ug/l	97
60) Dibromochloromethane	11.359	129	291251	53.094	ug/l	97
61) 1,2-Dibromoethane	11.471	107	272729	50.227	ug/l	96
64) Tetrachloroethene	11.106	164	215226	46.454	ug/l	94
65) Chlorobenzene	11.894	112	715396	48.693	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	266988	50.594	ug/l	97
67) Ethyl Benzene	11.965	91	1317543	50.116	ug/l	98
68) m/p-Xylenes	12.071	106	1013564	100.582	ug/l	94
69) o-Xylene	12.400	106	498965	49.952	ug/l	93
70) Styrene	12.412	104	812048	51.303	ug/l	97
71) Bromoform	12.582	173	181857	54.319	ug/l #	97
73) Isopropylbenzene	12.700	105	1274920	50.083	ug/l	97
74) N-amyl acetate	12.494	43	543733	50.539	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	346284	48.377	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	310053m	46.713	ug/l	
77) Bromobenzene	12.982	156	274675	48.392	ug/l	76
78) n-propylbenzene	13.035	91	1495325	51.026	ug/l	95
79) 2-Chlorotoluene	13.129	91	864485	48.094	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1054541	51.092	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	130587	50.845	ug/l	86
82) 4-Chlorotoluene	13.223	91	867236	49.343	ug/l	94
83) tert-Butylbenzene	13.441	119	893193	50.048	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	1043078	50.715	ug/l	93
85) sec-Butylbenzene	13.618	105	1279492	51.570	ug/l	94
86) p-Isopropyltoluene	13.729	119	1054978	51.192	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	515220	48.041	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	515745	48.941	ug/l	97
89) n-Butylbenzene	14.059	91	928969	51.742	ug/l	97
90) Hexachloroethane	14.335	117	181743	53.353	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	501651	48.498	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	72369	48.627	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	292659	50.715	ug/l	98
94) Hexachlorobutadiene	15.506	225	107516	49.957	ug/l	99
95) Naphthalene	15.641	128	1057515	50.008	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	289959	50.651	ug/l	99

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

