

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
 Data File : VN081106.D
 Acq On : 20 Feb 2024 18:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 21 00:24:21 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

02/21/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	377102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	684324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	625403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	286756	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.576	65	207357	44.861	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.720%
35) Dibromofluoromethane	8.165	113	180076	46.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	10.570	98	594777	43.276	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.560%
62) 4-Bromofluorobenzene	12.853	95	237597	46.007	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.020%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	260992	53.517	ug/l	95
3) Chloromethane	2.365	50	244450	45.837	ug/l	96
4) Vinyl Chloride	2.512	62	267524	49.386	ug/l	96
5) Bromomethane	2.953	94	179759	46.721	ug/l	87
6) Chloroethane	3.118	64	179294	51.212	ug/l	92
7) Trichlorofluoromethane	3.500	101	402979	50.921	ug/l	91
8) Diethyl Ether	3.959	74	149490	51.667	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	223161	50.584	ug/l	91
10) Methyl Iodide	4.588	142	277154	56.282	ug/l	98
11) Tert butyl alcohol	5.518	59	248853	292.752	ug/l	98
12) 1,1-Dichloroethene	4.347	96	219444	51.458	ug/l	89
13) Acrolein	4.183	56	151045	331.526	ug/l	96
14) Allyl chloride	5.030	41	319237	50.452	ug/l #	89
15) Acrylonitrile	5.718	53	583039	262.626	ug/l	98
16) Acetone	4.424	43	356718	196.135	ug/l	96
17) Carbon Disulfide	4.718	76	561164	47.177	ug/l	99
18) Methyl Acetate	5.024	43	265155	59.764	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	764510	52.342	ug/l	99
20) Methylene Chloride	5.277	84	246023	52.333	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	233319	49.038	ug/l	95
22) Diisopropyl ether	6.677	45	758741	52.861	ug/l #	95
23) Vinyl Acetate	6.606	43	2966971	254.770	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	436043	52.539	ug/l	95
25) 2-Butanone	7.482	43	703667	239.487	ug/l	94
26) 2,2-Dichloropropane	7.488	77	387636	49.847	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	279685	50.594	ug/l	88
28) Bromochloromethane	7.812	49	173522	50.432	ug/l #	62
29) Tetrahydrofuran	7.835	42	499223	254.523	ug/l #	86
30) Chloroform	7.965	83	457676	51.873	ug/l	97
31) Cyclohexane	8.259	56	378727	47.453	ug/l #	75
32) 1,1,1-Trichloroethane	8.171	97	415599	51.721	ug/l	93
36) 1,1-Dichloropropene	8.376	75	334383	50.438	ug/l	96
37) Ethyl Acetate	7.559	43	303569	50.737	ug/l	99
38) Carbon Tetrachloride	8.365	117	360847	53.799	ug/l	97
39) Methylcyclohexane	9.600	83	402080	52.028	ug/l	90
40) Benzene	8.612	78	1007174	52.487	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	177791	52.212	ug/l	94
42) 1,2-Dichloroethane	8.671	62	347728	51.940	ug/l	99
43) Isopropyl Acetate	8.688	43	557926	53.317	ug/l #	95
44) Trichloroethene	9.353	130	262618	51.384	ug/l	92
45) 1,2-Dichloropropane	9.623	63	252377	52.578	ug/l	95
46) Dibromomethane	9.712	93	178926	51.160	ug/l #	89
47) Bromodichloromethane	9.888	83	359990	54.348	ug/l #	97
48) Methyl methacrylate	9.682	41	250627	51.473	ug/l	89
49) 1,4-Dioxane	9.694	88	98452	1102.890	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1613403	268.026	ug/l	95
52) Toluene	10.635	92	644241	53.032	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	404806	54.995	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	423010	53.190	ug/l	94
55) 1,1,2-Trichloroethane	11.017	97	250429	53.598	ug/l	94
56) Ethyl methacrylate	10.876	69	392620	54.982	ug/l	88
57) 1,3-Dichloropropane	11.165	76	432638	53.552	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	852006	237.796	ug/l #	86
59) 2-Hexanone	11.194	43	1186354	248.590	ug/l	95
60) Dibromochloromethane	11.365	129	274233	55.248	ug/l	99
61) 1,2-Dibromoethane	11.470	107	258125	52.535	ug/l	95
64) Tetrachloroethene	11.106	164	219407	51.403	ug/l	94
65) Chlorobenzene	11.894	112	688547	50.869	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.964	131	256428	52.745	ug/l	98
67) Ethyl Benzene	11.964	91	1244227	51.370	ug/l	97
68) m/p-Xylenes	12.076	106	952847	102.635	ug/l	95
69) o-Xylene	12.400	106	469320	50.998	ug/l	94
70) Styrene	12.411	104	764947	52.456	ug/l	97
71) Bromoform	12.582	173	178260	57.793	ug/l #	97
73) Isopropylbenzene	12.700	105	1222114	48.711	ug/l	97
74) N-amyl acetate	12.494	43	511202	48.210	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	347203	49.215	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	315761m	48.465	ug/l	
77) Bromobenzene	12.982	156	272112	48.642	ug/l	77
78) n-propylbenzene	13.035	91	1439615	49.844	ug/l	96
79) 2-Chlorotoluene	13.129	91	852791	48.138	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1024532	50.365	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	128015	50.573	ug/l	97
82) 4-Chlorotoluene	13.223	91	846887	48.891	ug/l	94
83) tert-Butylbenzene	13.441	119	872962	49.630	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	1020728	50.355	ug/l	96
85) sec-Butylbenzene	13.617	105	1257448	51.423	ug/l	93
86) p-Isopropyltoluene	13.729	119	1053134	51.850	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	523923	49.567	ug/l	94
88) 1,4-Dichlorobenzene	13.811	146	513766	49.466	ug/l	98
89) n-Butylbenzene	14.058	91	924377	52.240	ug/l	98
90) Hexachloroethane	14.335	117	181666	54.111	ug/l	97
91) 1,2-Dichlorobenzene	14.105	146	496022	48.656	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	70547	48.097	ug/l	74
93) 1,2,4-Trichlorobenzene	15.394	180	295042	51.876	ug/l	100
94) Hexachlorobutadiene	15.500	225	107342	50.606	ug/l	96
95) Naphthalene	15.641	128	1049526	50.357	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	291944	51.744	ug/l	99

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

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