

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079759.D
 Acq On : 31 Oct 2023 21:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 01 01:28:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 11/01/2023
 Supervised By :Semsetun
 Yesilyurt
 11/02/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	344017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	601030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	545987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	243217	44.025	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.040%		
35) Dibromofluoromethane	8.165	113	196516	45.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.520%		
50) Toluene-d8	10.570	98	747131	46.667	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.340%		
62) 4-Bromofluorobenzene	12.853	95	252112	50.006	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	198408	43.689	ug/l	99
3) Chloromethane	2.365	50	216671	39.384	ug/l	99
4) Vinyl Chloride	2.518	62	250836	42.335	ug/l	95
5) Bromomethane	2.953	94	134221	34.511	ug/l	96
6) Chloroethane	3.124	64	182754	42.105	ug/l	99
7) Trichlorofluoromethane	3.500	101	316172	45.379	ug/l	97
8) Diethyl Ether	3.959	74	124019	49.187	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	168795	41.829	ug/l	98
10) Methyl Iodide	4.594	142	208540	51.347	ug/l	99
11) Tert butyl alcohol	5.524	59	140365	191.558	ug/l	100
12) 1,1-Dichloroethene	4.341	96	172999	45.770	ug/l	87
13) Acrolein	4.183	56	156289	212.031	ug/l	98
14) Allyl chloride	5.024	41	257425	40.612	ug/l	91
15) Acrylonitrile	5.718	53	477949	211.971	ug/l	100
16) Acetone	4.430	43	366268	154.964	ug/l	94
17) Carbon Disulfide	4.712	76	475657	41.210	ug/l	98
18) Methyl Acetate	5.024	43	393221	41.237	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	615339	48.116	ug/l	94
20) Methylene Chloride	5.283	84	201620	43.077	ug/l	87
21) trans-1,2-Dichloroethene	5.794	96	190214	44.336	ug/l	85
22) Diisopropyl ether	6.677	45	636252	44.648	ug/l #	92
23) Vinyl Acetate	6.606	43	175552	223.760	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	370849	43.429	ug/l	98
25) 2-Butanone	7.488	43	607066	186.983	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	240070	34.744	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	225795	45.711	ug/l	90
28) Bromochloromethane	7.818	49	179796	43.047	ug/l #	77
29) Tetrahydrofuran	7.841	42	415031	209.247	ug/l #	79
30) Chloroform	7.971	83	381068	44.317	ug/l	99
31) Cyclohexane	8.259	56	296026	39.276	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	325457	43.662	ug/l	95
36) 1,1-Dichloropropene	8.377	75	280264	43.989	ug/l	96
37) Ethyl Acetate	7.565	43	261761	41.450	ug/l #	92
38) Carbon Tetrachloride	8.365	117	279571	44.003	ug/l	98
39) Methylcyclohexane	9.606	83	275535	43.478	ug/l	91
40) Benzene	8.612	78	831772	44.234	ug/l	100

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Supervised By :Semsettin
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.782	41	148020	44.940	ug/l	#	85
42) 1,2-Dichloroethane	8.671	62	294980	43.191	ug/l		99
43) Isopropyl Acetate	8.694	43	444317	44.010	ug/l	#	93
44) Trichloroethene	9.353	130	205099	45.027	ug/l		98
45) 1,2-Dichloropropane	9.623	63	219686	43.987	ug/l		99
46) Dibromomethane	9.712	93	147430	43.769	ug/l		95
47) Bromodichloromethane	9.894	83	302973	44.837	ug/l		99
48) Methyl methacrylate	9.688	41	213012	45.510	ug/l	#	81
49) 1,4-Dioxane	9.694	88	67367	817.897	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.447	43	1339227	213.191	ug/l		91
52) Toluene	10.635	92	521814	45.456	ug/l		99
53) t-1,3-Dichloropropene	10.841	75	310023	45.434	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	335468	44.936	ug/l	#	89
55) 1,1,2-Trichloroethane	11.018	97	203042	44.723	ug/l		97
56) Ethyl methacrylate	10.876	69	316167	49.311	ug/l	#	85
57) 1,3-Dichloropropane	11.165	76	356522	44.873	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	566240	239.711	ug/l		91
59) 2-Hexanone	11.200	43	947905	205.222	ug/l		90
60) Dibromochloromethane	11.365	129	218432	46.496	ug/l		98
61) 1,2-Dibromoethane	11.470	107	204474	45.206	ug/l		98
64) Tetrachloroethene	11.106	164	176353	45.531	ug/l		99
65) Chlorobenzene	11.894	112	542771	44.914	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.965	131	200009	44.542	ug/l		97
67) Ethyl Benzene	11.965	91	1000931	47.014	ug/l		96
68) m/p-Xylenes	12.076	106	732446	93.017	ug/l		94
69) o-Xylene	12.400	106	363914	48.062	ug/l		94
70) Styrene	12.412	104	598283	49.326	ug/l		97
71) Bromoform	12.582	173	147107	45.739	ug/l	#	98
73) Isopropylbenzene	12.700	105	927667	44.358	ug/l		99
74) N-amyl acetate	12.500	43	373277	44.876	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	293765	39.677	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	261463m	41.704	ug/l		
77) Bromobenzene	12.982	156	211981	43.103	ug/l		97
78) n-propylbenzene	13.041	91	1051626	43.653	ug/l		98
79) 2-Chlorotoluene	13.129	91	644238	42.901	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	743817	43.633	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	80413	38.690	ug/l	#	85
82) 4-Chlorotoluene	13.223	91	630970	43.744	ug/l		99
83) tert-Butylbenzene	13.441	119	623046	44.596	ug/l		99
84) 1,2,4-Trimethylbenzene	13.488	105	747228	45.435	ug/l		99
85) sec-Butylbenzene	13.617	105	843180	43.268	ug/l		99
86) p-Isopropyltoluene	13.735	119	707613	45.590	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	367048	44.115	ug/l		98
88) 1,4-Dichlorobenzene	13.817	146	369481	44.577	ug/l		99
89) n-Butylbenzene	14.059	91	583973	47.356	ug/l		100
90) Hexachloroethane	14.335	117	125752	38.345	ug/l		89
91) 1,2-Dichlorobenzene	14.111	146	363601	44.931	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50314	44.064	ug/l		96
93) 1,2,4-Trichlorobenzene	15.394	180	144348	59.843	ug/l		96
94) Hexachlorobutadiene	15.505	225	80035	37.396	ug/l		98
95) Naphthalene	15.647	128	629502	89.894	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	151507	56.248	ug/l		99

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

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