

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079507.D
 Acq On : 10 Oct 2023 20:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 11 06:25:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/11/2023
 Supervised By :Mahesh Dadoda 10/11/2023

Supervised By :Mahesh
 Dadoda
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	274774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	494971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	434576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	218843	49.120	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.240%
35) Dibromofluoromethane	8.171	113	173458	48.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.520%
50) Toluene-d8	10.571	98	666632	51.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.600%
62) 4-Bromofluorobenzene	12.853	95	223729	54.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.340%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	181584	46.118	ug/l	97
3) Chloromethane	2.365	50	194661	39.623	ug/l	98
4) Vinyl Chloride	2.518	62	228838	44.781	ug/l	98
5) Bromomethane	2.942	94	105305	34.423	ug/l	98
6) Chloroethane	3.112	64	152051	39.467	ug/l	100
7) Trichlorofluoromethane	3.495	101	279452	46.316	ug/l	100
8) Diethyl Ether	3.959	74	105607	49.097	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.365	101	153208	43.452	ug/l	99
10) Methyl Iodide	4.595	142	165191	53.991	ug/l	99
11) Tert butyl alcohol	5.524	59	142152	211.994	ug/l	99
12) 1,1-Dichloroethene	4.342	96	153483	47.277	ug/l	86
13) Acrolein	4.183	56	174969	262.054	ug/l	97
14) Allyl chloride	5.024	41	232462	44.371	ug/l	90
15) Acrylonitrile	5.724	53	434737	223.626	ug/l	98
16) Acetone	4.430	43	346652	196.170	ug/l	92
17) Carbon Disulfide	4.712	76	420816	41.555	ug/l	98
18) Methyl Acetate	5.030	43	362341	41.894	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	539580	51.153	ug/l #	91
20) Methylene Chloride	5.283	84	179340	46.301	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	167221	44.101	ug/l	91
22) Diisopropyl ether	6.677	45	569506	48.478	ug/l #	90
23) Vinyl Acetate	6.606	43	1617204	244.730	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	327174	45.505	ug/l	97
25) 2-Butanone	7.489	43	557053	212.392	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	239880	43.658	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	196016	47.585	ug/l	88
28) Bromochloromethane	7.818	49	139487	40.775	ug/l #	77
29) Tetrahydrofuran	7.841	42	380622	224.390	ug/l #	78
30) Chloroform	7.971	83	333702	45.937	ug/l	94
31) Cyclohexane	8.259	56	267534	42.334	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	289833	47.409	ug/l	96
36) 1,1-Dichloropropene	8.377	75	248690	46.583	ug/l	96
37) Ethyl Acetate	7.559	43	240304	45.237	ug/l #	92
38) Carbon Tetrachloride	8.365	117	244590	45.765	ug/l	98
39) Methylcyclohexane	9.606	83	256234	49.957	ug/l #	90
40) Benzene	8.612	78	744891	46.982	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	134123	48.026	ug/l	#	85
42) 1,2-Dichloroethane	8.671	62	264141	45.850	ug/l		98
43) Isopropyl Acetate	8.694	43	480053	51.582	ug/l	#	85
44) Trichloroethene	9.353	130	176397	47.270	ug/l		99
45) 1,2-Dichloropropane	9.630	63	191295	45.793	ug/l		98
46) Dibromomethane	9.712	93	127886	47.269	ug/l		93
47) Bromodichloromethane	9.894	83	266006	47.797	ug/l		98
48) Methyl methacrylate	9.683	41	187691	47.063	ug/l	#	84
49) 1,4-Dioxane	9.700	88	70261	956.476	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.447	43	1209723	230.267	ug/l		90
52) Toluene	10.635	92	460419	49.334	ug/l		98
53) t-1,3-Dichloropropene	10.841	75	278268	49.616	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	302726	49.308	ug/l	#	90
55) 1,1,2-Trichloroethane	11.018	97	177523	47.380	ug/l		95
56) Ethyl methacrylate	10.877	69	278256	54.046	ug/l	#	84
57) 1,3-Dichloropropane	11.165	76	310777	48.036	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	517782	262.605	ug/l		91
59) 2-Hexanone	11.200	43	866972	228.691	ug/l		89
60) Dibromochloromethane	11.365	129	188819	50.143	ug/l		99
61) 1,2-Dibromoethane	11.477	107	176802	47.549	ug/l		99
64) Tetrachloroethene	11.106	164	141644	47.380	ug/l		99
65) Chlorobenzene	11.894	112	471898	48.760	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	173057	48.837	ug/l		96
67) Ethyl Benzene	11.965	91	872099	51.844	ug/l		97
68) m/p-Xylenes	12.076	106	643037	105.208	ug/l		94
69) o-Xylene	12.400	106	317307	52.789	ug/l		95
70) Styrene	12.418	104	520237	54.794	ug/l		98
71) Bromoform	12.582	173	125062	48.222	ug/l	#	99
73) Isopropylbenzene	12.700	105	803095	45.286	ug/l		100
74) N-amyl acetate	12.500	43	336013	46.218	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	258892	45.111	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	223883m	40.735	ug/l		
77) Bromobenzene	12.982	156	181239	41.680	ug/l		95
78) n-propylbenzene	13.041	91	931781	46.440	ug/l		97
79) 2-Chlorotoluene	13.129	91	559732	43.596	ug/l		100
80) 1,3,5-Trimethylbenzene	13.176	105	650779	46.537	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.741	75	76974	40.637	ug/l		87
82) 4-Chlorotoluene	13.223	91	539053	44.122	ug/l		100
83) tert-Butylbenzene	13.441	119	540699	47.193	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	644257	48.275	ug/l		99
85) sec-Butylbenzene	13.618	105	769293	48.138	ug/l		99
86) p-Isopropyltoluene	13.735	119	615061	50.169	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	318763	46.219	ug/l		96
88) 1,4-Dichlorobenzene	13.818	146	312542	43.888	ug/l		100
89) n-Butylbenzene	14.059	91	507402	51.828	ug/l		98
90) Hexachloroethane	14.335	117	120108	48.220	ug/l		90
91) 1,2-Dichlorobenzene	14.112	146	308290	45.827	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41532	40.501	ug/l		97
93) 1,2,4-Trichlorobenzene	15.394	180	112424	53.958	ug/l		98
94) Hexachlorobutadiene	15.500	225	70689	43.561	ug/l		99
95) Naphthalene	15.647	128	356981	56.108	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	115275	46.363	ug/l		97

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

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

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