

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080041.D
 Acq On : 09 Nov 2023 22:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 10 00:44:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

11/10/2023
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	261178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	474813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	445655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218683	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	205551	51.657	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.320%	
35) Dibromofluoromethane	8.165	113	153560	45.695	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.400%	
50) Toluene-d8	10.571	98	631758	51.066	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.853	95	237937	57.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.980%	

11/10/2023

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	180200	57.280	ug/l	97
3) Chloromethane	2.359	50	183110	46.625	ug/l	97
4) Vinyl Chloride	2.512	62	196869	47.807	ug/l	99
5) Bromomethane	2.942	94	66844	26.715	ug/l	94
6) Chloroethane	3.112	64	86719	26.651	ug/l	98
7) Trichlorofluoromethane	3.495	101	248112	48.442	ug/l	98
8) Diethyl Ether	3.959	74	88553	45.560	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	129891	43.747	ug/l	100
10) Methyl Iodide	4.589	142	138752	40.922	ug/l	96
11) Tert butyl alcohol	5.518	59	126668	249.370	ug/l	100
12) 1,1-Dichloroethene	4.342	96	121900	43.361	ug/l #	83
13) Acrolein	4.183	56	107624	276.048	ug/l	96
14) Allyl chloride	5.024	41	177881	41.311	ug/l	96
15) Acrylonitrile	5.718	53	383867	242.500	ug/l	100
16) Acetone	4.430	43	285473	204.243	ug/l	97
17) Carbon Disulfide	4.706	76	296238	36.531	ug/l	97
18) Methyl Acetate	5.024	43	305784	45.728	ug/l	89
19) Methyl tert-butyl Ether	5.794	73	494755	51.117	ug/l	97
20) Methylene Chloride	5.277	84	154607	43.838	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	133284	42.509	ug/l #	80
22) Diisopropyl ether	6.677	45	478342	47.937	ug/l #	91
23) Vinyl Acetate	6.606	43	1203802	218.710	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	290849	47.956	ug/l	98
25) 2-Butanone	7.483	43	486798	237.840	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	228047	45.465	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	173462	46.250	ug/l	85
28) Bromochloromethane	7.818	49	149155	50.464	ug/l	81
29) Tetrahydrofuran	7.841	42	335838	252.199	ug/l #	81
30) Chloroform	7.971	83	332513	50.473	ug/l	93
31) Cyclohexane	8.259	56	231866	44.097	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	294478	54.859	ug/l	98
36) 1,1-Dichloropropene	8.377	75	231647	48.277	ug/l	95
37) Ethyl Acetate	7.565	43	201631	45.819	ug/l	94
38) Carbon Tetrachloride	8.365	117	256707	53.085	ug/l	97
39) Methylcyclohexane	9.606	83	231594	51.287	ug/l #	86
40) Benzene	8.612	78	726799	50.572	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.782	41	112167	48.000	ug/l	92	11/10/2023
42) 1,2-Dichloroethane	8.671	62	268653	53.516	ug/l	98	Supervised By :Mahesh Dadoda
43) Isopropyl Acetate	8.694	43	411177	53.280	ug/l #	91	
44) Trichloroethene	9.353	130	179771	50.410	ug/l	99	
45) 1,2-Dichloropropane	9.624	63	210232	57.241	ug/l	93	
46) Dibromomethane	9.712	93	135355	53.974	ug/l	93	
47) Bromodichloromethane	9.888	83	290365	54.291	ug/l	96	11/10/2023
48) Methyl methacrylate	9.682	41	192873	57.058	ug/l #	81	
49) 1,4-Dioxane	9.700	88	70527	1180.779	ug/l #	79	
51) 4-Methyl-2-Pentanone	10.447	43	1257349	289.393	ug/l	96	
52) Toluene	10.635	92	478488	56.160	ug/l	100	
53) t-1,3-Dichloropropene	10.841	75	298296	56.893	ug/l	99	
54) cis-1,3-Dichloropropene	10.318	75	324597	56.799	ug/l	97	
55) 1,1,2-Trichloroethane	11.018	97	193439	56.447	ug/l	97	
56) Ethyl methacrylate	10.876	69	302590	61.903	ug/l	87	
57) 1,3-Dichloropropane	11.165	76	352020	58.277	ug/l	100	
58) 2-Chloroethyl Vinyl ether	10.165	63	700371	282.694	ug/l	91	
59) 2-Hexanone	11.200	43	908821	273.432	ug/l	94	
60) Dibromochloromethane	11.365	129	211637	57.695	ug/l	98	
61) 1,2-Dibromoethane	11.470	107	192969	56.103	ug/l	98	
64) Tetrachloroethene	11.106	164	153004	53.010	ug/l	98	
65) Chlorobenzene	11.894	112	499469	51.667	ug/l	100	
66) 1,1,1,2-Tetrachloroethane	11.965	131	195477	56.124	ug/l	96	
67) Ethyl Benzene	11.970	91	904191	53.685	ug/l	97	
68) m/p-Xylenes	12.076	106	682924	108.847	ug/l	92	
69) o-Xylene	12.400	106	337562	55.872	ug/l	91	
70) Styrene	12.417	104	574369	59.156	ug/l	97	
71) Bromoform	12.582	173	147512	59.644	ug/l #	100	
73) Isopropylbenzene	12.700	105	851610	51.312	ug/l	99	
74) N-amyl acetate	12.500	43	335447	46.305	ug/l	94	
75) 1,1,2,2-Tetrachloroethane	12.941	83	297054	50.481	ug/l	100	
76) 1,2,3-Trichloropropane	12.994	75	271595m	52.901	ug/l		
77) Bromobenzene	12.982	156	204441	50.314	ug/l	92	
78) n-propylbenzene	13.041	91	983667	51.756	ug/l	98	
79) 2-Chlorotoluene	13.129	91	631294	51.995	ug/l	99	
80) 1,3,5-Trimethylbenzene	13.176	105	717417	55.559	ug/l	99	
81) trans-1,4-Dichloro-2-b...	12.741	75	86522	45.852	ug/l #	81	
82) 4-Chlorotoluene	13.223	91	632747	52.445	ug/l	96	
83) tert-Butylbenzene	13.441	119	579581	54.834	ug/l	97	
84) 1,2,4-Trimethylbenzene	13.488	105	721181	56.767	ug/l	99	
85) sec-Butylbenzene	13.617	105	794119	54.228	ug/l	100	
86) p-Isopropyltoluene	13.735	119	667760	55.930	ug/l	100	
87) 1,3-Dichlorobenzene	13.735	146	372421	49.269	ug/l	100	
88) 1,4-Dichlorobenzene	13.817	146	368861	48.076	ug/l	98	
89) n-Butylbenzene	14.059	91	540252	52.537	ug/l	100	
90) Hexachloroethane	14.335	117	124389	52.607	ug/l	81	
91) 1,2-Dichlorobenzene	14.111	146	376544	52.769	ug/l	99	
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53978	54.091	ug/l	99	
93) 1,2,4-Trichlorobenzene	15.394	180	178059	52.480	ug/l	96	
94) Hexachlorobutadiene	15.506	225	88789	57.727	ug/l	99	
95) Naphthalene	15.647	128	557846	48.482	ug/l	99	
96) 1,2,3-Trichlorobenzene	15.841	180	178515	53.675	ug/l	98	

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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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