

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076748.D
 Acq On : 21 Feb 2023 12:35
 Operator : JC\MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

Quant Time: Feb 22 04:11:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

02/22/2023
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	274093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	499973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	438391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	174052	50.000	ug/l	0.00

02/22/2023

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	231829	61.252	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.500%	
35) Dibromofluoromethane	8.172	113	172667	52.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.480%	
50) Toluene-d8	10.571	98	662047	54.143	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.280%	
62) 4-Bromofluorobenzene	12.854	95	197158	48.682	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.360%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.137	85	1260	0.433	ug/l	96
3) Chloromethane	2.378	50	2670	0.703	ug/l #	87
4) Vinyl Chloride	2.531	62	2554	0.683	ug/l	95
5) Bromomethane	2.972	94	2297	1.014	ug/l #	75
6) Chloroethane	3.131	64	1638	0.694	ug/l #	73
7) Trichlorofluoromethane	3.507	101	2903	0.571	ug/l	95
8) Diethyl Ether	3.972	74	1182	0.603	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.384	101	1977	0.662	ug/l #	47
10) Methyl Iodide	4.619	142	1386m	0.376	ug/l	
11) Tert butyl alcohol	5.531	59	1191m	2.384	ug/l	
12) 1,1-Dichloroethene	4.360	96	1441	0.509	ug/l #	55
13) Acrolein	4.213	56	1474m	1.965	ug/l	
14) Allyl chloride	5.019	41	3011m	0.614	ug/l	
15) Acrylonitrile	5.742	53	4642	2.618	ug/l	90
16) Acetone	4.472	43	7160m	4.235	ug/l	
17) Carbon Disulfide	4.713	76	4668	0.625	ug/l #	73
18) Methyl Acetate	5.042	43	3787	0.686	ug/l #	54
19) Methyl tert-butyl Ether	5.813	73	4474	0.469	ug/l	94
20) Methylene Chloride	5.289	84	3591	1.013	ug/l #	61
21) trans-1,2-Dichloroethene	5.807	96	1635	0.513	ug/l #	54
22) Diisopropyl ether	6.689	45	5501	0.478	ug/l #	78
23) Vinyl Acetate	6.619	43	16805	2.470	ug/l	95
24) 1,1-Dichloroethane	6.572	63	3960	0.628	ug/l #	81
25) 2-Butanone	7.501	43	7369	2.955	ug/l #	89
26) 2,2-Dichloropropane	7.507	77	2540	0.559	ug/l	86
27) cis-1,2-Dichloroethene	7.489	96	2475	0.655	ug/l	78
28) Bromochloromethane	7.819	49	1848	0.616	ug/l #	87
29) Tetrahydrofuran	7.866	42	3759	2.307	ug/l #	65
30) Chloroform	7.966	83	3769	0.599	ug/l	94
31) Cyclohexane	8.230	56	10572	1.781	ug/l #	17
32) 1,1,1-Trichloroethane	8.178	97	3349	0.633	ug/l #	23
36) 1,1-Dichloropropene	8.377	75	2794	0.591	ug/l #	73
37) Ethyl Acetate	7.566	43	2627	0.528	ug/l #	91
38) Carbon Tetrachloride	8.372	117	2836	0.594	ug/l #	78
39) Methylcyclohexane	9.601	83	3017	0.561	ug/l #	84
40) Benzene	8.613	78	8092	0.557	ug/l #	74

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 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	1339	0.464	ug/l	#	78
42) 1,2-Dichloroethane	8.672	62	4117	0.813	ug/l		83
43) Isopropyl Acetate	8.695	43	4753	0.587	ug/l	#	91
44) Trichloroethene	9.360	130	2295	0.669	ug/l		89
45) 1,2-Dichloropropane	9.619	63	2252	0.586	ug/l	#	80
46) Dibromomethane	9.713	93	1260	0.512	ug/l	#	83
47) Bromodichloromethane	9.895	83	2777	0.563	ug/l	#	90
48) Methyl methacrylate	9.683	41	1941	0.505	ug/l	#	92
49) 1,4-Dioxane	9.701	88	584	8.784	ug/l	#	44
51) 4-Methyl-2-Pentanone	10.448	43	11229	2.179	ug/l		99
52) Toluene	10.624	92	5150	0.587	ug/l		96
53) t-1,3-Dichloropropene	10.848	75	2861	0.601	ug/l	#	87
54) cis-1,3-Dichloropropene	10.319	75	2539	0.463	ug/l	#	90
55) 1,1,2-Trichloroethane	11.013	97	1624	0.455	ug/l	#	17
56) Ethyl methacrylate	10.871	69	1746	0.348	ug/l	#	48
57) 1,3-Dichloropropane	11.171	76	3473	0.567	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.160	63	8180	3.558	ug/l		94
59) 2-Hexanone	11.195	43	9166	2.467	ug/l		97
60) Dibromochloromethane	11.366	129	2406	0.640	ug/l		75
61) 1,2-Dibromoethane	11.477	107	1607	0.450	ug/l	#	76
64) Tetrachloroethene	11.107	164	1566	0.567	ug/l	#	67
65) Chlorobenzene	11.895	112	4811	0.518	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.954	131	1960	0.581	ug/l	#	65
67) Ethyl Benzene	11.966	91	7669	0.485	ug/l		96
68) m/p-Xylenes	12.083	106	5925	0.971	ug/l		89
69) o-Xylene	12.401	106	3216	0.540	ug/l		66
70) Styrene	12.418	104	4618	0.480	ug/l		96
71) Bromoform	12.589	173	991	0.400	ug/l	#	94
73) Isopropylbenzene	12.695	105	6025	0.472	ug/l		94
74) N-amyl acetate	12.495	43	3190	0.555	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	12.942	83	2897	0.627	ug/l	#	96
76) 1,2,3-Trichloropropane	12.995	75	1958m	0.556	ug/l		
77) Bromobenzene	12.983	156	1671	0.525	ug/l		48
78) n-propylbenzene	13.036	91	7444	0.497	ug/l		100
79) 2-Chlorotoluene	13.130	91	5389	0.588	ug/l		97
80) 1,3,5-Trimethylbenzene	13.177	105	5550	0.526	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.736	75	714m	0.591	ug/l		
82) 4-Chlorotoluene	13.130	91	5389	0.588	ug/l		97
83) tert-Butylbenzene	13.436	119	5509	0.578	ug/l		93
84) 1,2,4-Trimethylbenzene	13.489	105	4554	0.433	ug/l		97
85) sec-Butylbenzene	13.618	105	5681	0.427	ug/l		100
86) p-Isopropyltoluene	13.730	119	4650	0.437	ug/l		96
87) 1,3-Dichlorobenzene	13.730	146	2918	0.485	ug/l	#	74
88) 1,4-Dichlorobenzene	13.812	146	3709	0.619	ug/l	#	35
89) n-Butylbenzene	14.065	91	4908	0.531	ug/l		97
90) Hexachloroethane	14.336	117	1212	0.544	ug/l		99
91) 1,2-Dichlorobenzene	14.118	146	4023	0.652	ug/l	#	70
92) 1,2-Dibromo-3-Chloropr...	14.724	75	478	0.534	ug/l		59
93) 1,2,4-Trichlorobenzene	15.389	180	1610	0.523	ug/l	#	67
94) Hexachlorobutadiene	15.501	225	844	0.560	ug/l		79
95) Naphthalene	15.642	128	3686	0.395	ug/l		97
96) 1,2,3-Trichlorobenzene	15.836	180	1321	0.443	ug/l	#	75

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

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

Manual Integrations

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