

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
 Data File : VN076807.D
 Acq On : 24 Feb 2023 14:14
 Operator : JC\MD
 Sample : VN0224MBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224MBS01

Quant Time: Feb 25 01:45:06 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

Manual Integrations APPROVED

Reviewed By : John Carlone 02/27/2023
 Supervised By : Mahesh Dadoda 02/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	272309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	502161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	454180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	219615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	216987	57.706	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.420%			
35) Dibromofluoromethane	8.178	113	159878	48.616	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.240%			
50) Toluene-d8	10.572	98	651589	53.055	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.120%			
62) 4-Bromofluorobenzene	12.848	95	210907	51.850	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	54432	18.825	ug/l	92
3) Chloromethane	2.378	50	67921	18.005	ug/l	95
4) Vinyl Chloride	2.531	62	71556	19.273	ug/l	100
5) Bromomethane	2.966	94	48983	21.774	ug/l	96
6) Chloroethane	3.131	64	51970	22.149	ug/l	97
7) Trichlorofluoromethane	3.513	101	92941	18.398	ug/l	97
8) Diethyl Ether	3.972	74	38085	19.565	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.390	101	56049	18.883	ug/l	97
10) Methyl Iodide	4.601	142	68672	18.734	ug/l	95
11) Tert butyl alcohol	5.537	59	55657	112.137	ug/l	99
12) 1,1-Dichloroethene	4.360	96	49674	17.673	ug/l	94
13) Acrolein	4.196	56	72710	97.578	ug/l	100
14) Allyl chloride	5.043	41	87240	17.913	ug/l	95
15) Acrylonitrile	5.737	53	186628	105.951	ug/l	98
16) Acetone	4.437	43	165104	98.298	ug/l	93
17) Carbon Disulfide	4.725	76	118077	15.911	ug/l	99
18) Methyl Acetate	5.037	43	121062	22.081	ug/l	99
19) Methyl tert-butyl Ether	5.813	73	198253	20.921	ug/l	97
20) Methylene Chloride	5.290	84	66117	18.782	ug/l	93
21) trans-1,2-Dichloroethene	5.801	96	56892	17.981	ug/l #	87
22) Diisopropyl ether	6.684	45	239724	20.986	ug/l #	95
23) Vinyl Acetate	6.619	43	784921	116.139	ug/l	97
24) 1,1-Dichloroethane	6.578	63	123111	19.665	ug/l	96
25) 2-Butanone	7.489	43	262147	105.808	ug/l	97
26) 2,2-Dichloropropane	7.495	77	89970	19.925	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	67314	17.937	ug/l	90
28) Bromochloromethane	7.825	49	69706	23.395	ug/l	91
29) Tetrahydrofuran	7.842	42	176223	108.865	ug/l	96
30) Chloroform	7.972	83	119958	19.178	ug/l	94
31) Cyclohexane	8.260	56	111960	18.981	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	100249	19.062	ug/l	96
36) 1,1-Dichloropropene	8.372	75	86562	18.218	ug/l	99
37) Ethyl Acetate	7.572	43	105578	21.119	ug/l	97
38) Carbon Tetrachloride	8.372	117	84401	17.609	ug/l	96
39) Methylcyclohexane	9.601	83	97892	18.125	ug/l	92
40) Benzene	8.613	78	281116	19.266	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	58879	20.331	ug/l	97
42) 1,2-Dichloroethane	8.672	62	98639	19.383	ug/l	99
43) Isopropyl Acetate	8.695	43	212933	26.176	ug/l #	92
44) Trichloroethene	9.354	130	61356	17.794	ug/l	84
45) 1,2-Dichloropropane	9.625	63	76687	19.854	ug/l	91
46) Dibromomethane	9.713	93	49351	19.985	ug/l	95
47) Bromodichloromethane	9.895	83	97238	19.641	ug/l #	95
48) Methyl methacrylate	9.683	41	78426	20.317	ug/l	95
49) 1,4-Dioxane	9.695	88	28668	429.334	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	569897	110.110	ug/l	98
52) Toluene	10.630	92	176333	20.016	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	99001	20.718	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	104798	19.013	ug/l	92
55) 1,1,2-Trichloroethane	11.019	97	70796	19.763	ug/l	95
56) Ethyl methacrylate	10.877	69	104986	20.821	ug/l	93
57) 1,3-Dichloropropane	11.166	76	123753	20.108	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	236585	102.453	ug/l	97
59) 2-Hexanone	11.201	43	405826	108.746	ug/l	99
60) Dibromochloromethane	11.360	129	70636	18.710	ug/l	98
61) 1,2-Dibromoethane	11.472	107	67086	18.710	ug/l	96
64) Tetrachloroethene	11.107	164	49321	17.232	ug/l	95
65) Chlorobenzene	11.889	112	180444	18.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	68245	19.520	ug/l	99
67) Ethyl Benzene	11.966	91	325033	19.821	ug/l	96
68) m/p-Xylenes	12.071	106	257149	40.683	ug/l	97
69) o-Xylene	12.401	106	124055	20.124	ug/l	96
70) Styrene	12.413	104	204969	20.561	ug/l	99
71) Bromoform	12.583	173	48114	18.762	ug/l #	96
73) Isopropylbenzene	12.695	105	324503	20.159	ug/l	99
74) N-amyl acetate	12.495	43	150194	20.700	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	113063	19.404	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	97441m	21.946	ug/l	
77) Bromobenzene	12.977	156	72109	17.955	ug/l	90
78) n-propylbenzene	13.042	91	379883	20.097	ug/l	98
79) 2-Chlorotoluene	13.124	91	226957	19.610	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	270320	20.320	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	29169	19.134	ug/l	97
82) 4-Chlorotoluene	13.124	91	226957	19.610	ug/l	97
83) tert-Butylbenzene	13.442	119	240847	20.013	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	273981	20.665	ug/l	98
85) sec-Butylbenzene	13.618	105	345127	20.541	ug/l	97
86) p-Isopropyltoluene	13.730	119	271254	20.217	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	140783	18.544	ug/l	97
88) 1,4-Dichlorobenzene	13.813	146	140094	18.531	ug/l	98
89) n-Butylbenzene	14.060	91	228716	19.600	ug/l	98
90) Hexachloroethane	14.336	117	51730	18.414	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	144316	18.543	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	19540	17.309	ug/l	92
93) 1,2,4-Trichlorobenzene	15.395	180	63187	16.276	ug/l	99
94) Hexachlorobutadiene	15.501	225	31484	16.546	ug/l	97
95) Naphthalene	15.642	128	205774	17.466	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	62698	16.669	ug/l	97

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

