

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076477.D
 Acq On : 31 Jan 2023 10:38
 Operator : JC\MD
 Sample : VN0131WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBS01

Quant Time: Feb 01 01:04:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/01/2023
 Supervised By : Mahesh Dadoda 02/01/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	421506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	682134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	604374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	282893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	255198	54.073	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.140%			
35) Dibromofluoromethane	8.171	113	215679	50.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.100%			
50) Toluene-d8	10.571	98	786754	49.925	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.860%			
62) 4-Bromofluorobenzene	12.853	95	274219	53.304	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	79474	18.399	ug/l	97
3) Chloromethane	2.377	50	103892	23.231	ug/l	96
4) Vinyl Chloride	2.530	62	118811	21.666	ug/l	97
5) Bromomethane	2.971	94	75207	16.747	ug/l	98
6) Chloroethane	3.130	64	69730	16.958	ug/l	90
7) Trichlorofluoromethane	3.512	101	146403	19.406	ug/l	96
8) Diethyl Ether	3.977	74	48042	18.986	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.389	101	82542	19.327	ug/l	96
10) Methyl Iodide	4.606	142	113719	17.432	ug/l	95
11) Tert butyl alcohol	5.530	59	60087	95.185	ug/l	97
12) 1,1-Dichloroethene	4.359	96	72032	17.842	ug/l	87
13) Acrolein	4.195	56	61792	81.850	ug/l	99
14) Allyl chloride	5.042	41	98131	20.858	ug/l	92
15) Acrylonitrile	5.730	53	176037	97.995	ug/l	98
16) Acetone	4.442	43	188724	124.703	ug/l	96
17) Carbon Disulfide	4.730	76	154083	15.328	ug/l #	94
18) Methyl Acetate	5.042	43	103447	20.176	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	261274	19.879	ug/l	97
20) Methylene Chloride	5.295	84	85082	18.627	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	76119	17.404	ug/l	92
22) Diisopropyl ether	6.683	45	233285	21.026	ug/l	97
23) Vinyl Acetate	6.612	43	720944	100.540	ug/l	100
24) 1,1-Dichloroethane	6.583	63	144817	19.581	ug/l	99
25) 2-Butanone	7.489	43	235798	102.045	ug/l	91
26) 2,2-Dichloropropane	7.500	77	126253	20.255	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	95816	18.783	ug/l	97
28) Bromochloromethane	7.824	49	70261	23.439	ug/l	98
29) Tetrahydrofuran	7.847	42	142718	100.073	ug/l	97
30) Chloroform	7.971	83	166175	20.306	ug/l	98
31) Cyclohexane	8.265	56	127010	17.519	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	151330	20.255	ug/l	97
36) 1,1-Dichloropropene	8.377	75	113950	18.793	ug/l	97
37) Ethyl Acetate	7.571	43	93315	19.210	ug/l	98
38) Carbon Tetrachloride	8.365	117	130370	19.281	ug/l	99
39) Methylcyclohexane	9.606	83	133427	18.020	ug/l	97
40) Benzene	8.612	78	344209	18.985	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	50424	19.802	ug/l	97
42) 1,2-Dichloroethane	8.677	62	127204	20.506	ug/l	97
43) Isopropyl Acetate	8.694	43	156286	19.754	ug/l	98
44) Trichloroethene	9.353	130	93810	18.294	ug/l	100
45) 1,2-Dichloropropane	9.624	63	85603	19.721	ug/l	98
46) Dibromomethane	9.712	93	62795	19.160	ug/l	98
47) Bromodichloromethane	9.888	83	128808	20.264	ug/l	100
48) Methyl methacrylate	9.683	41	74724	19.950	ug/l	97
49) 1,4-Dioxane	9.700	88	31240	395.277	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	480158	103.382	ug/l	100
52) Toluene	10.630	92	225567	18.604	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	125757	20.754	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	136820	19.626	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	92591	19.979	ug/l	99
56) Ethyl methacrylate	10.877	69	123342	20.615	ug/l	98
57) 1,3-Dichloropropane	11.165	76	148878	19.768	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	160217	79.321	ug/l	99
59) 2-Hexanone	11.194	43	355781	105.709	ug/l	98
60) Dibromochloromethane	11.359	129	100960	20.695	ug/l	99
61) 1,2-Dibromoethane	11.471	107	90657	19.598	ug/l	100
64) Tetrachloroethene	11.106	164	93936	17.235	ug/l	99
65) Chlorobenzene	11.894	112	244542	19.141	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	96294	20.258	ug/l	99
67) Ethyl Benzene	11.965	91	433943	19.846	ug/l	99
68) m/p-Xylenes	12.077	106	340045	38.784	ug/l	97
69) o-Xylene	12.400	106	168049	19.517	ug/l	96
70) Styrene	12.412	104	273258	19.876	ug/l	98
71) Bromoform	12.576	173	70139	20.432	ug/l #	98
73) Isopropylbenzene	12.700	105	444328	20.303	ug/l	99
74) N-amyl acetate	12.494	43	129332	20.545	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	130837	20.797	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	112885m	21.361	ug/l	
77) Bromobenzene	12.982	156	103315	19.854	ug/l	96
78) n-propylbenzene	13.035	91	500627	20.274	ug/l	99
79) 2-Chlorotoluene	13.129	91	304077	20.067	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	378448	20.642	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	33259	19.561	ug/l	90
82) 4-Chlorotoluene	13.129	91	304077	20.067	ug/l	99
83) tert-Butylbenzene	13.441	119	332582	20.396	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	378965	20.614	ug/l	98
85) sec-Butylbenzene	13.618	105	459129	20.291	ug/l	100
86) p-Isopropyltoluene	13.729	119	385454	20.716	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	191734	18.588	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	187016	19.122	ug/l	98
89) n-Butylbenzene	14.059	91	292786	19.823	ug/l	100
90) Hexachloroethane	14.335	117	66618	20.745	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	189182	18.414	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21976	20.095	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	79096	16.823	ug/l	97
94) Hexachlorobutadiene	15.500	225	49565	18.180	ug/l	98
95) Naphthalene	15.647	128	229981	16.910	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	91828	20.112	ug/l	98

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

