

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076076.D
 Acq On : 04 Jan 2023 12:54
 Operator : JC\MD
 Sample : VN0104WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 01:21:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	325895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	524884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	461950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	170357	48.050	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.100%		
35) Dibromofluoromethane	8.177	113	159817	49.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.340%		
50) Toluene-d8	10.571	98	579977	47.721	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.440%		
62) 4-Bromofluorobenzene	12.853	95	190915	47.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	59018	25.505	ug/l	100
3) Chloromethane	2.377	50	58778	20.428	ug/l	99
4) Vinyl Chloride	2.524	62	72628	21.160	ug/l	99
5) Bromomethane	2.948	94	59612	20.436	ug/l	96
6) Chloroethane	3.118	64	50378	19.820	ug/l	92
7) Trichlorofluoromethane	3.506	101	101733	19.534	ug/l	97
8) Diethyl Ether	3.977	74	34162	17.959	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	58550	19.688	ug/l	99
10) Methyl Iodide	4.595	142	84577	17.524	ug/l	100
11) Tert butyl alcohol	5.542	59	42416	84.549	ug/l	98
12) 1,1-Dichloroethene	4.348	96	53318	18.460	ug/l	95
13) Acrolein	4.195	56	86117	140.019	ug/l	98
14) Allyl chloride	5.036	41	67531m	20.000	ug/l	
15) Acrylonitrile	5.736	53	123913	90.511	ug/l	99
16) Acetone	4.447	43	115097	94.173	ug/l	96
17) Carbon Disulfide	4.724	76	127559	18.240	ug/l	98
18) Methyl Acetate	5.036	43	67288	18.626	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	183387	19.280	ug/l	96
20) Methylene Chloride	5.295	84	64933	19.470	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	55652	17.593	ug/l	97
22) Diisopropyl ether	6.689	45	150024	18.290	ug/l	98
23) Vinyl Acetate	6.618	43	486986	88.209	ug/l	99
24) 1,1-Dichloroethane	6.583	63	99667	18.220	ug/l	98
25) 2-Butanone	7.494	43	161293	94.253	ug/l	97
26) 2,2-Dichloropropane	7.500	77	85888	18.540	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	66110	17.475	ug/l	96
28) Bromochloromethane	7.824	49	42211	17.605	ug/l	99
29) Tetrahydrofuran	7.847	42	101256	94.419	ug/l	99
30) Chloroform	7.971	83	110151	17.884	ug/l	99
31) Cyclohexane	8.265	56	95425	18.793	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	101170	18.528	ug/l	96
36) 1,1-Dichloropropene	8.377	75	78470	18.173	ug/l	98
37) Ethyl Acetate	7.571	43	64524	18.603	ug/l	96
38) Carbon Tetrachloride	8.365	117	88207	18.252	ug/l	97
39) Methylcyclohexane	9.606	83	101294	19.445	ug/l	96
40) Benzene	8.612	78	246051	18.469	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	31549	17.500	ug/l	90
42) 1,2-Dichloroethane	8.677	62	81943	18.501	ug/l	99
43) Isopropyl Acetate	8.694	43	106109	18.546	ug/l	99
44) Trichloroethene	9.359	130	67982	18.113	ug/l	89
45) 1,2-Dichloropropane	9.630	63	57540	17.748	ug/l	97
46) Dibromomethane	9.712	93	42807	17.802	ug/l	98
47) Bromodichloromethane	9.894	83	83841	17.780	ug/l	97
48) Methyl methacrylate	9.688	41	48839	18.953	ug/l	98
49) 1,4-Dioxane	9.700	88	24599	388.298	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	328244	94.866	ug/l	98
52) Toluene	10.635	92	160332	18.479	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	80989	17.546	ug/l	92
54) cis-1,3-Dichloropropene	10.312	75	93250	18.400	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	63974	18.785	ug/l	98
56) Ethyl methacrylate	10.876	69	85924	18.995	ug/l	99
57) 1,3-Dichloropropane	11.165	76	101509	18.171	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	125085	86.851	ug/l	98
59) 2-Hexanone	11.200	43	239410	94.879	ug/l	99
60) Dibromochloromethane	11.359	129	69306	18.299	ug/l	100
61) 1,2-Dibromoethane	11.471	107	62300	18.077	ug/l	97
64) Tetrachloroethene	11.106	164	65186	20.053	ug/l	99
65) Chlorobenzene	11.894	112	172731	18.218	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	63701	18.139	ug/l	98
67) Ethyl Benzene	11.965	91	301345	18.831	ug/l	99
68) m/p-Xylenes	12.076	106	246932	38.987	ug/l	97
69) o-Xylene	12.400	106	119745	19.105	ug/l	99
70) Styrene	12.412	104	193023	19.368	ug/l	99
71) Bromoform	12.582	173	49954	19.548	ug/l #	98
73) Isopropylbenzene	12.700	105	310509	19.396	ug/l	100
74) N-amyl acetate	12.494	43	90757	19.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	88957	17.975	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	85457m	19.137	ug/l	
77) Bromobenzene	12.982	156	75492	18.633	ug/l	95
78) n-propylbenzene	13.041	91	344708	19.523	ug/l	100
79) 2-Chlorotoluene	13.129	91	206735	18.757	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	260242	19.423	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	23398	18.860	ug/l	87
82) 4-Chlorotoluene	13.129	91	206735	18.757	ug/l	99
83) tert-Butylbenzene	13.441	119	241347	20.430	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	265096	19.944	ug/l	100
85) sec-Butylbenzene	13.617	105	321909	19.743	ug/l	99
86) p-Isopropyltoluene	13.735	119	274139	20.206	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	138586	18.518	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	137119	17.935	ug/l	99
89) n-Butylbenzene	14.059	91	206608	18.798	ug/l	99
90) Hexachloroethane	14.335	117	46492	19.157	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	139236	18.888	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14261	16.240	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	60447	16.563	ug/l	99
94) Hexachlorobutadiene	15.506	225	36118	18.140	ug/l	98
95) Naphthalene	15.647	128	168353	15.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	59732	17.512	ug/l	99

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

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