

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076077.D
 Acq On : 04 Jan 2023 13:28
 Operator : JC\MD
 Sample : VN0104WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 01:22:22 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	8.229	168	286815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	461917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	416956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	149381	47.874	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.740%		
35) Dibromofluoromethane	8.177	113	135459	47.354	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	10.571	98	493941	46.183	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.360%		
62) 4-Bromofluorobenzene	12.853	95	168351	47.524	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	53932	26.483	ug/l	100
3) Chloromethane	2.371	50	55835	22.049	ug/l	91
4) Vinyl Chloride	2.524	62	63655	21.073	ug/l	96
5) Bromomethane	2.959	94	51929	20.228	ug/l	99
6) Chloroethane	3.130	64	44321	19.813	ug/l	96
7) Trichlorofluoromethane	3.506	101	87946	19.187	ug/l	98
8) Diethyl Ether	3.977	74	31903	19.057	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	50204	19.181	ug/l	98
10) Methyl Iodide	4.606	142	77947	18.351	ug/l	99
11) Tert butyl alcohol	5.536	59	42138	95.439	ug/l	99
12) 1,1-Dichloroethene	4.359	96	47138	18.544	ug/l	91
13) Acrolein	4.194	56	79319	146.539	ug/l	98
14) Allyl chloride	5.036	41	59517	20.029	ug/l	98
15) Acrylonitrile	5.736	53	119736	99.377	ug/l	96
16) Acetone	4.441	43	106627	99.131	ug/l	93
17) Carbon Disulfide	4.730	76	110531	17.959	ug/l	99
18) Methyl Acetate	5.047	43	64833	20.391	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	169865	20.292	ug/l	96
20) Methylene Chloride	5.283	84	59528	20.308	ug/l	92
21) trans-1,2-Dichloroethene	5.806	96	52039	18.693	ug/l	94
22) Diisopropyl ether	6.683	45	138633	19.205	ug/l	98
23) Vinyl Acetate	6.618	43	455072	93.660	ug/l	100
24) 1,1-Dichloroethane	6.588	63	88385	18.359	ug/l	96
25) 2-Butanone	7.494	43	152544	101.286	ug/l	92
26) 2,2-Dichloropropane	7.494	77	75598	18.542	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	62331	18.721	ug/l	98
28) Bromochloromethane	7.824	49	38153	18.081	ug/l	97
29) Tetrahydrofuran	7.847	42	90717	96.118	ug/l	96
30) Chloroform	7.977	83	100032	18.454	ug/l	94
31) Cyclohexane	8.271	56	79560	17.803	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	89425	18.609	ug/l	95
36) 1,1-Dichloropropene	8.377	75	70137	18.457	ug/l	98
37) Ethyl Acetate	7.571	43	64666	21.186	ug/l	98
38) Carbon Tetrachloride	8.371	117	77524	18.228	ug/l	95
39) Methylcyclohexane	9.606	83	88792	19.368	ug/l	97
40) Benzene	8.612	78	217707	18.569	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	30301	19.098	ug/l	96
42) 1,2-Dichloroethane	8.677	62	75379	19.339	ug/l	99
43) Isopropyl Acetate	8.694	43	98859	19.634	ug/l	99
44) Trichloroethene	9.359	130	61041	18.481	ug/l	95
45) 1,2-Dichloropropane	9.624	63	53108	18.614	ug/l	99
46) Dibromomethane	9.712	93	40090	18.945	ug/l	99
47) Bromodichloromethane	9.894	83	77220	18.608	ug/l	97
48) Methyl methacrylate	9.688	41	45307	19.979	ug/l	96
49) 1,4-Dioxane	9.694	88	22002	394.647	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	307958	101.136	ug/l	99
52) Toluene	10.635	92	145509	19.056	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	77754	19.141	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	87178	19.546	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	57155	19.070	ug/l	95
56) Ethyl methacrylate	10.876	69	78793	19.793	ug/l	98
57) 1,3-Dichloropropane	11.170	76	97398	19.812	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	111512	87.981	ug/l	100
59) 2-Hexanone	11.200	43	225687	101.633	ug/l	99
60) Dibromochloromethane	11.359	129	64049	19.216	ug/l	100
61) 1,2-Dibromoethane	11.470	107	59377	19.577	ug/l	98
64) Tetrachloroethene	11.106	164	60388	20.582	ug/l	96
65) Chlorobenzene	11.894	112	154042	18.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	58813	18.554	ug/l	98
67) Ethyl Benzene	11.965	91	269083	18.630	ug/l	99
68) m/p-Xylenes	12.076	106	220153	38.510	ug/l	98
69) o-Xylene	12.400	106	109870	19.421	ug/l	95
70) Styrene	12.412	104	173375	19.274	ug/l	99
71) Bromoform	12.582	173	44506	19.296	ug/l #	98
73) Isopropylbenzene	12.700	105	275162	19.398	ug/l	99
74) N-amyl acetate	12.500	43	83898	20.161	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	81303	18.541	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	71772m	18.139	ug/l	
77) Bromobenzene	12.982	156	68950	19.207	ug/l	97
78) n-propylbenzene	13.041	91	313572	20.043	ug/l	98
79) 2-Chlorotoluene	13.129	91	184810	18.924	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	237554	20.010	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	21383	19.452	ug/l #	85
82) 4-Chlorotoluene	13.129	91	184810	18.924	ug/l	100
83) tert-Butylbenzene	13.441	119	211497	20.206	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	236442	20.076	ug/l	100
85) sec-Butylbenzene	13.617	105	290922	20.137	ug/l	100
86) p-Isopropyltoluene	13.735	119	243447	20.251	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	123532	18.629	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	121393	17.920	ug/l	98
89) n-Butylbenzene	14.059	91	184303	18.924	ug/l	99
90) Hexachloroethane	14.335	117	40259	18.722	ug/l	100
91) 1,2-Dichlorobenzene	14.111	146	123504	18.909	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13916	17.885	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	57034	17.637	ug/l	99
94) Hexachlorobutadiene	15.505	225	32402	18.366	ug/l	98
95) Naphthalene	15.647	128	167815	17.202	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	55676	18.421	ug/l	99

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

