

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076200.D
 Acq On : 11 Jan 2023 11:16
 Operator : JC\MD
 Sample : VN0111WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2023
 Supervised By : Mahesh Dadoda 01/12/2023

Quant Time: Jan 12 00:31:53 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	348099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	556100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	491816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	173384	45.784	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.560%		
35) Dibromofluoromethane	8.171	113	158293	45.964	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.920%		
50) Toluene-d8	10.571	98	567174	44.048	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.100%		
62) 4-Bromofluorobenzene	12.847	95	199057	46.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	60117	24.323	ug/l	97
3) Chloromethane	2.371	50	59701	19.425	ug/l	97
4) Vinyl Chloride	2.530	62	68721	18.745	ug/l	99
5) Bromomethane	2.965	94	55451	17.797	ug/l	99
6) Chloroethane	3.136	64	48628	17.912	ug/l	92
7) Trichlorofluoromethane	3.518	101	103303	18.570	ug/l	90
8) Diethyl Ether	3.977	74	38958	19.174	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.395	101	59851	18.841	ug/l	99
10) Methyl Iodide	4.600	142	91343	17.719	ug/l	99
11) Tert butyl alcohol	5.536	59	44889	83.771	ug/l	99
12) 1,1-Dichloroethene	4.359	96	55639	18.034	ug/l	97
13) Acrolein	4.189	56	59973	91.291	ug/l	98
14) Allyl chloride	5.036	41	73319	20.330	ug/l	98
15) Acrylonitrile	5.730	53	135196	92.453	ug/l	99
16) Acetone	4.442	43	116643	89.351	ug/l	100
17) Carbon Disulfide	4.730	76	119613	16.013	ug/l #	95
18) Methyl Acetate	5.042	43	76787	19.899	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	205960	20.272	ug/l	100
20) Methylene Chloride	5.289	84	65498	18.350	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	59240	17.533	ug/l	97
22) Diisopropyl ether	6.677	45	172641	19.705	ug/l	98
23) Vinyl Acetate	6.612	43	545329	92.477	ug/l	98
24) 1,1-Dichloroethane	6.577	63	106259	18.186	ug/l	97
25) 2-Butanone	7.494	43	171991	94.094	ug/l	94
26) 2,2-Dichloropropane	7.500	77	88493	17.884	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	72904	18.041	ug/l	97
28) Bromochloromethane	7.824	49	43772	17.092	ug/l	98
29) Tetrahydrofuran	7.847	42	108176	94.438	ug/l	99
30) Chloroform	7.971	83	117207	17.816	ug/l	96
31) Cyclohexane	8.265	56	96437	17.781	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	103275	17.707	ug/l	97
36) 1,1-Dichloropropene	8.377	75	81752	17.870	ug/l	99
37) Ethyl Acetate	7.571	43	72289	19.672	ug/l	100
38) Carbon Tetrachloride	8.371	117	91977	17.963	ug/l	98
39) Methylcyclohexane	9.606	83	105831	19.175	ug/l	97
40) Benzene	8.612	78	259805	18.406	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	37251	19.502	ug/l	99
42) 1,2-Dichloroethane	8.677	62	89190	19.007	ug/l	99
43) Isopropyl Acetate	8.694	43	118120	19.486	ug/l	99
44) Trichloroethene	9.353	130	70164	17.645	ug/l	92
45) 1,2-Dichloropropane	9.624	63	61517	17.910	ug/l	99
46) Dibromomethane	9.712	93	47258	18.550	ug/l	99
47) Bromodichloromethane	9.888	83	91605	18.336	ug/l	97
48) Methyl methacrylate	9.682	41	52776	19.331	ug/l	95
49) 1,4-Dioxane	9.694	88	22450	334.483	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	354230	96.630	ug/l	99
52) Toluene	10.629	92	171974	18.708	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	88606	18.118	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	101279	18.862	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	69997	19.400	ug/l	100
56) Ethyl methacrylate	10.876	69	92931	19.390	ug/l	98
57) 1,3-Dichloropropane	11.165	76	111791	18.888	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	135012	88.481	ug/l	98
59) 2-Hexanone	11.200	43	255614	95.614	ug/l	100
60) Dibromochloromethane	11.359	129	73891	18.415	ug/l	100
61) 1,2-Dibromoethane	11.471	107	67167	18.395	ug/l	98
64) Tetrachloroethene	11.106	164	72229	20.871	ug/l	99
65) Chlorobenzene	11.894	112	183496	18.178	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	68854	18.415	ug/l	99
67) Ethyl Benzene	11.965	91	319807	18.772	ug/l	98
68) m/p-Xylenes	12.076	106	259112	38.426	ug/l	100
69) o-Xylene	12.400	106	128032	19.186	ug/l	99
70) Styrene	12.412	104	205147	19.335	ug/l	99
71) Bromoform	12.576	173	51658	18.987	ug/l #	99
73) Isopropylbenzene	12.700	105	330844	19.094	ug/l	98
74) N-amyl acetate	12.494	43	96486	18.981	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	96250	17.968	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	85583m	17.707	ug/l	
77) Bromobenzene	12.982	156	81155	18.507	ug/l	96
78) n-propylbenzene	13.035	91	368525	19.283	ug/l	100
79) 2-Chlorotoluene	13.129	91	219358	18.387	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	280370	19.333	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	28479	21.209	ug/l	94
82) 4-Chlorotoluene	13.129	91	219358	18.387	ug/l	98
83) tert-Butylbenzene	13.441	119	258982	20.255	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	280354	19.487	ug/l	99
85) sec-Butylbenzene	13.617	105	346407	19.628	ug/l	99
86) p-Isopropyltoluene	13.729	119	290848	19.806	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	145596	17.974	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	144350	17.444	ug/l	98
89) n-Butylbenzene	14.059	91	223612	18.796	ug/l	100
90) Hexachloroethane	14.335	117	47881	18.228	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	144712	18.137	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15052	15.836	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	67716	17.143	ug/l	99
94) Hexachlorobutadiene	15.506	225	37801	17.540	ug/l	100
95) Naphthalene	15.641	128	200301	16.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	66567	18.030	ug/l	100

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

