

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074432.D
 Acq On : 13 Sep 2022 14:48
 Operator : JC\MD
 Sample : VN0913WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913WBS02

Quant Time: Sep 13 17:16:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/24/2022
 Supervised By :Mahesh Dadoda 09/24/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	172985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	335286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	309344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	138751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	167163	55.853	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.700%			
35) Dibromofluoromethane	7.951	113	117848	52.064	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	10.386	98	435842	49.417	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.840%			
62) 4-Bromofluorobenzene	12.674	95	154048	48.108	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	42013	18.741	ug/l	92
3) Chloromethane	2.263	50	64029	23.078	ug/l	98
4) Vinyl Chloride	2.404	62	95590	25.523	ug/l #	87
5) Bromomethane	2.775	94	72004	27.513	ug/l	91
6) Chloroethane	2.951	64	64402m	25.682	ug/l	
7) Trichlorofluoromethane	3.304	101	151039	40.843	ug/l	95
8) Diethyl Ether	3.757	74	30824	19.754	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.134	101	44132	19.915	ug/l	96
10) Methyl Iodide	4.345	142	51109	19.951	ug/l	97
11) Tert butyl alcohol	5.292	59	90058	115.041	ug/l	95
12) 1,1-Dichloroethene	4.104	96	41780	19.375	ug/l	97
13) Acrolein	3.987	56	49333	94.871	ug/l	95
14) Allyl chloride	4.757	41	91424	19.328	ug/l	95
15) Acrylonitrile	5.481	53	203181	113.446	ug/l	99
16) Acetone	4.222	43	194103	120.129	ug/l	95
17) Carbon Disulfide	4.451	76	109945	18.760	ug/l	96
18) Methyl Acetate	4.769	43	106317	22.321	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	169207	19.496	ug/l	96
20) Methylene Chloride	5.016	84	54877	22.314	ug/l #	91
21) trans-1,2-Dichloroethene	5.504	96	45606	18.874	ug/l	90
22) Diisopropyl ether	6.410	45	196726	20.656	ug/l	96
23) Vinyl Acetate	6.351	43	886948	104.353	ug/l	97
24) 1,1-Dichloroethane	6.304	63	98119	20.050	ug/l #	94
25) 2-Butanone	7.263	43	309662	114.169	ug/l	99
26) 2,2-Dichloropropane	7.245	77	73116	16.516	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	56182	18.872	ug/l	98
28) Bromochloromethane	7.586	49	30492	20.255	ug/l	95
29) Tetrahydrofuran	7.610	42	204414	114.010	ug/l	97
30) Chloroform	7.745	83	99283	20.325	ug/l	94
31) Cyclohexane	8.022	56	90315	18.974	ug/l #	94
32) 1,1,1-Trichloroethane	7.945	97	84929	19.381	ug/l	96
36) 1,1-Dichloropropene	8.157	75	68965	18.494	ug/l	98
37) Ethyl Acetate	7.334	43	120847	22.340	ug/l	96
38) Carbon Tetrachloride	8.139	117	72581	18.854	ug/l	87
39) Methylcyclohexane	9.398	83	84869	17.957	ug/l	99
40) Benzene	8.392	78	221163	19.371	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.575	41	54244m	20.209	ug/l	
42) 1,2-Dichloroethane	8.463	62	87612	20.072	ug/l	98
43) Isopropyl Acetate	8.498	43	175674	19.858	ug/l	98
44) Trichloroethene	9.151	130	47471	18.546	ug/l	91
45) 1,2-Dichloropropane	9.433	63	59967	19.786	ug/l	94
46) Dibromomethane	9.516	93	43534	20.978	ug/l	90
47) Bromodichloromethane	9.704	83	81346	19.666	ug/l #	99
48) Methyl methacrylate	9.498	41	73841	18.940	ug/l	94
49) 1,4-Dioxane	9.504	88	34896	424.736	ug/l	91
51) 4-Methyl-2-Pentanone	10.275	43	626446	108.283	ug/l	98
52) Toluene	10.445	92	139240	19.720	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	80650	17.674	ug/l	98
54) cis-1,3-Dichloropropene	10.133	75	87251	17.936	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	54397	18.690	ug/l	96
56) Ethyl methacrylate	10.704	69	97591	19.734	ug/l	96
57) 1,3-Dichloropropane	10.986	76	102014	20.053	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	204312	88.814	ug/l	99
59) 2-Hexanone	11.027	43	493109	110.452	ug/l	95
60) Dibromochloromethane	11.180	129	55890	18.967	ug/l	94
61) 1,2-Dibromoethane	11.286	107	57212	19.107	ug/l	97
64) Tetrachloroethene	10.916	164	36298	17.309	ug/l	92
65) Chlorobenzene	11.716	112	138828	18.612	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.786	131	50835	17.447	ug/l	98
67) Ethyl Benzene	11.786	91	258916	18.377	ug/l	99
68) m/p-Xylenes	11.892	106	193214	36.480	ug/l	99
69) o-Xylene	12.221	106	98032	18.414	ug/l	96
70) Styrene	12.233	104	159031	18.789	ug/l	98
71) Bromoform	12.398	173	38628	17.699	ug/l #	98
73) Isopropylbenzene	12.521	105	251708	18.882	ug/l	99
74) N-amyl acetate	12.333	43	150596	21.346	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.774	83	100354	20.032	ug/l	100
76) 1,2,3-Trichloropropane	12.827	75	65131m	17.956	ug/l	
77) Bromobenzene	12.798	156	56296	19.672	ug/l	96
78) n-propylbenzene	12.863	91	295672	19.361	ug/l	98
79) 2-Chlorotoluene	12.951	91	175493	18.848	ug/l	99
80) 1,3,5-Trimethylbenzene	13.004	105	200261	18.107	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.568	75	28170	17.311	ug/l	87
82) 4-Chlorotoluene	13.045	91	166781	18.565	ug/l	99
83) tert-Butylbenzene	13.268	119	185591	18.639	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	211870	19.328	ug/l	98
85) sec-Butylbenzene	13.445	105	257706	19.019	ug/l	100
86) p-Isopropyltoluene	13.557	119	203555	18.768	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	99768	18.856	ug/l	99
88) 1,4-Dichlorobenzene	13.639	146	100010	18.711	ug/l	99
89) n-Butylbenzene	13.886	91	174810	18.941	ug/l	98
90) Hexachloroethane	14.157	117	40910	17.855	ug/l	89
91) 1,2-Dichlorobenzene	13.933	146	105397	18.941	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	21753	18.235	ug/l	99
93) 1,2,4-Trichlorobenzene	15.198	180	46861	16.900	ug/l	99
94) Hexachlorobutadiene	15.304	225	21119	16.805	ug/l	97
95) Naphthalene	15.439	128	191117	17.618	ug/l	100
96) 1,2,3-Trichlorobenzene	15.633	180	50455	17.584	ug/l	94

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

