

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074552.D
 Acq On : 17 Sep 2022 13:38
 Operator : JC\MD
 Sample : VN0917WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 19 02:54:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

09/19/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	232312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	448193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	391439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	171895	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	199962	50.729	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.460%	
35) Dibromofluoromethane	7.951	113	155304	52.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.320%	
50) Toluene-d8	10.380	98	560326	48.664	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.320%	
62) 4-Bromofluorobenzene	12.674	95	177344	44.971	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.940%	

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Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	39141	15.481	ug/l	86
3) Chloromethane	2.269	50	82499	19.557	ug/l	94
4) Vinyl Chloride	2.404	62	96065	21.109	ug/l	94
5) Bromomethane	2.793	94	71663	29.859	ug/l	100
6) Chloroethane	2.957	64	80318	25.837	ug/l	95
7) Trichlorofluoromethane	3.316	101	83419	16.599	ug/l	93
8) Diethyl Ether	3.769	74	40639	15.857	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.140	101	50577	16.267	ug/l	91
10) Methyl Iodide	4.357	142	63065	17.194	ug/l	96
11) Tert butyl alcohol	5.281	59	110211	85.832	ug/l	100
12) 1,1-Dichloroethene	4.110	96	54421	18.211	ug/l	91
13) Acrolein	3.987	56	37873	80.767	ug/l	97
14) Allyl chloride	4.757	41	129474	17.722	ug/l #	94
15) Acrylonitrile	5.475	53	265703	92.107	ug/l	98
16) Acetone	4.216	43	231708	91.863	ug/l	97
17) Carbon Disulfide	4.457	76	132158	15.752	ug/l	100
18) Methyl Acetate	4.775	43	143206	18.280	ug/l #	87
19) Methyl tert-butyl Ether	5.534	73	227995	17.681	ug/l	97
20) Methylene Chloride	5.010	84	73214	19.032	ug/l #	83
21) trans-1,2-Dichloroethene	5.510	96	57982	17.534	ug/l	87
22) Diisopropyl ether	6.404	45	271972	18.539	ug/l #	91
23) Vinyl Acetate	6.345	43	1200741	92.797	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	126596	17.263	ug/l	95
25) 2-Butanone	7.257	43	400106	95.541	ug/l #	89
26) 2,2-Dichloropropane	7.251	77	98633	15.601	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	73130	17.001	ug/l	92
28) Bromochloromethane	7.586	49	38667	17.889	ug/l #	67
29) Tetrahydrofuran	7.610	42	270051	98.078	ug/l #	82
30) Chloroform	7.745	83	121541	17.957	ug/l	92
31) Cyclohexane	8.028	56	122309	17.481	ug/l #	87
32) 1,1,1-Trichloroethane	7.945	97	101018	17.017	ug/l	95
36) 1,1-Dichloropropene	8.151	75	89159	16.919	ug/l	96
37) Ethyl Acetate	7.333	43	152406	18.727	ug/l #	94
38) Carbon Tetrachloride	8.128	117	80690	16.584	ug/l	94
39) Methylcyclohexane	9.392	83	103703	16.549	ug/l	94
40) Benzene	8.386	78	283410	17.392	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.563	41	75171	19.105	ug/l	#	87
42) 1,2-Dichloroethane	8.463	62	95495	17.076	ug/l		97
43) Isopropyl Acetate	8.492	43	239972	18.824	ug/l	#	89
44) Trichloroethene	9.151	130	57387	16.275	ug/l		95
45) 1,2-Dichloropropane	9.427	63	79870	17.834	ug/l		91
46) Dibromomethane	9.516	93	50366	17.956	ug/l	#	80
47) Bromodichloromethane	9.698	83	102408	18.622	ug/l		97
48) Methyl methacrylate	9.498	41	106519	18.844	ug/l	#	84
49) 1,4-Dioxane	9.504	88	37863	348.407	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.269	43	808434	97.113	ug/l		87
52) Toluene	10.445	92	174245	18.234	ug/l		99
53) t-1,3-Dichloropropene	10.663	75	102732	16.029	ug/l		95
54) cis-1,3-Dichloropropene	10.133	75	111289	16.226	ug/l	#	86
55) 1,1,2-Trichloroethane	10.839	97	70650	17.454	ug/l		99
56) Ethyl methacrylate	10.704	69	127258	17.601	ug/l	#	77
57) 1,3-Dichloropropane	10.986	76	129784	18.288	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.980	63	275866	86.695	ug/l	#	88
59) 2-Hexanone	11.027	43	615805	96.901	ug/l		87
60) Dibromochloromethane	11.174	129	68735	17.739	ug/l		98
61) 1,2-Dibromoethane	11.286	107	70980	18.051	ug/l		95
64) Tetrachloroethene	10.916	164	46055	17.144	ug/l		92
65) Chlorobenzene	11.710	112	171074	17.409	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.780	131	64414	18.041	ug/l		98
67) Ethyl Benzene	11.786	91	329487	18.262	ug/l		98
68) m/p-Xylenes	11.892	106	241475	36.200	ug/l		96
69) o-Xylene	12.221	106	121945	17.929	ug/l		98
70) Styrene	12.233	104	201292	17.792	ug/l		98
71) Bromoform	12.398	173	46288	17.639	ug/l	#	97
73) Isopropylbenzene	12.521	105	307304	17.460	ug/l		98
74) N-amyl acetate	12.333	43	204279	18.563	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.768	83	124674	17.676	ug/l		99
76) 1,2,3-Trichloropropane	12.821	75	112295m	21.224	ug/l		
77) Bromobenzene	12.798	156	64750	17.222	ug/l		77
78) n-propylbenzene	12.863	91	356919	17.026	ug/l		95
79) 2-Chlorotoluene	12.951	91	213845	17.088	ug/l		97
80) 1,3,5-Trimethylbenzene	13.004	105	248301	17.306	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.568	75	37995	15.499	ug/l		95
82) 4-Chlorotoluene	13.045	91	203790	17.133	ug/l		98
83) tert-Butylbenzene	13.268	119	225611	17.278	ug/l		98
84) 1,2,4-Trimethylbenzene	13.310	105	246907	17.100	ug/l		99
85) sec-Butylbenzene	13.445	105	311249	17.360	ug/l		95
86) p-Isopropyltoluene	13.557	119	244841	17.516	ug/l		97
87) 1,3-Dichlorobenzene	13.557	146	119258	17.261	ug/l		96
88) 1,4-Dichlorobenzene	13.639	146	119154	17.160	ug/l		98
89) n-Butylbenzene	13.886	91	210349	16.696	ug/l		96
90) Hexachloroethane	14.151	117	46466	15.278	ug/l		77
91) 1,2-Dichlorobenzene	13.933	146	122594	17.104	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	24315	15.612	ug/l		80
93) 1,2,4-Trichlorobenzene	15.198	180	51515	15.086	ug/l		92
94) Hexachlorobutadiene	15.304	225	22880	15.245	ug/l		98
95) Naphthalene	15.439	128	231095	16.796	ug/l		100
96) 1,2,3-Trichlorobenzene	15.633	180	57068	17.033	ug/l		94

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

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