

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074527.D
 Acq On : 16 Sep 2022 22:53
 Operator : JC\MD
 Sample : VN0916WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBS02

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 16 23:20:43 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	239380	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	462706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	403336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	166510	50.000	ug/l	0.00

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 adoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	206289	50.789	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.580%	
35) Dibromofluoromethane	7.945	113	156799	51.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.020%	
50) Toluene-d8	10.381	98	602866	50.716	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.440%	
62) 4-Bromofluorobenzene	12.669	95	201017	49.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.740%	

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Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	40726	15.632	ug/l	100
3) Chloromethane	2.263	50	85799	19.737	ug/l	95
4) Vinyl Chloride	2.405	62	101048	21.548	ug/l	98
5) Bromomethane	2.793	94	71860	29.057	ug/l	95
6) Chloroethane	2.957	64	100325	31.320	ug/l	98
7) Trichlorofluoromethane	3.310	101	89569	17.296	ug/l	98
8) Diethyl Ether	3.769	74	45599	17.267	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.140	101	57257	17.871	ug/l	91
10) Methyl Iodide	4.346	142	64820	17.150	ug/l	96
11) Tert butyl alcohol	5.275	59	121493	91.824	ug/l	# 86
12) 1,1-Dichloroethene	4.116	96	56987	18.496	ug/l	88
13) Acrolein	3.981	56	37347	77.294	ug/l	94
14) Allyl chloride	4.757	41	134623	17.883	ug/l	# 94
15) Acrylonitrile	5.463	53	286405	96.352	ug/l	100
16) Acetone	4.216	43	248562	95.636	ug/l	99
17) Carbon Disulfide	4.457	76	140089	16.204	ug/l	99
18) Methyl Acetate	4.769	43	153791	19.051	ug/l	# 87
19) Methyl tert-butyl Ether	5.528	73	233297	17.558	ug/l	92
20) Methylene Chloride	5.016	84	75343	19.007	ug/l	89
21) trans-1,2-Dichloroethene	5.504	96	61291	17.977	ug/l	98
22) Diisopropyl ether	6.410	45	290437	19.213	ug/l	# 93
23) Vinyl Acetate	6.345	43	1287151	96.538	ug/l	# 90
24) 1,1-Dichloroethane	6.304	63	139740	18.493	ug/l	98
25) 2-Butanone	7.257	43	433119	100.370	ug/l	# 85
26) 2,2-Dichloropropane	7.251	77	91445	14.037	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	76637	17.290	ug/l	92
28) Bromochloromethane	7.587	49	40823	18.330	ug/l	# 65
29) Tetrahydrofuran	7.610	42	286661	101.036	ug/l	# 82
30) Chloroform	7.745	83	130427	18.701	ug/l	99
31) Cyclohexane	8.022	56	131063	18.180	ug/l	# 84
32) 1,1,1-Trichloroethane	7.939	97	99830	16.320	ug/l	92
36) 1,1-Dichloropropene	8.151	75	92645	17.029	ug/l	95
37) Ethyl Acetate	7.340	43	160310	19.080	ug/l	# 95
38) Carbon Tetrachloride	8.134	117	87832	17.486	ug/l	94
39) Methylcyclohexane	9.392	83	113298	17.513	ug/l	97
40) Benzene	8.387	78	298840	17.763	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	71580	17.622	ug/l	90
42) 1,2-Dichloroethane	8.463	62	105819	18.329	ug/l	97
43) Isopropyl Acetate	8.492	43	248763	18.902	ug/l #	92
44) Trichloroethene	9.151	130	63413	17.419	ug/l	85
45) 1,2-Dichloropropane	9.428	63	85728	18.542	ug/l	91
46) Dibromomethane	9.510	93	52486	18.125	ug/l #	82
47) Bromodichloromethane	9.698	83	100294	17.666	ug/l	97
48) Methyl methacrylate	9.492	41	105932	18.153	ug/l	86
49) 1,4-Dioxane	9.504	88	40894	364.495	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	866364	100.807	ug/l	88
52) Toluene	10.445	92	180546	18.301	ug/l	97
53) t-1,3-Dichloropropene	10.663	75	114584	17.318	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	117992	16.664	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	76514	18.310	ug/l	89
56) Ethyl methacrylate	10.704	69	134460	18.013	ug/l #	82
57) 1,3-Dichloropropane	10.986	76	137958	18.830	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.981	63	311676	94.877	ug/l #	88
59) 2-Hexanone	11.028	43	656928	100.130	ug/l	87
60) Dibromochloromethane	11.175	129	73533	18.382	ug/l	98
61) 1,2-Dibromoethane	11.286	107	73939	18.214	ug/l	97
64) Tetrachloroethene	10.916	164	45950	16.601	ug/l	97
65) Chlorobenzene	11.710	112	185679	18.338	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.780	131	65622	17.837	ug/l	96
67) Ethyl Benzene	11.786	91	338116	18.188	ug/l	98
68) m/p-Xylenes	11.892	106	255874	37.227	ug/l	98
69) o-Xylene	12.222	106	126165	18.003	ug/l	92
70) Styrene	12.233	104	205179	17.601	ug/l	97
71) Bromoform	12.398	173	49003	18.123	ug/l #	96
73) Isopropylbenzene	12.522	105	332209	19.485	ug/l	99
74) N-amyl acetate	12.333	43	215372	20.204	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.769	83	134188	19.640	ug/l	96
76) 1,2,3-Trichloropropane	12.822	75	97033m	18.932	ug/l	
77) Bromobenzene	12.804	156	68841	18.902	ug/l	73
78) n-propylbenzene	12.863	91	383549	18.888	ug/l	95
79) 2-Chlorotoluene	12.951	91	226661	18.698	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	263536	18.962	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	40025	16.855	ug/l #	94
82) 4-Chlorotoluene	13.045	91	218421	18.957	ug/l	95
83) tert-Butylbenzene	13.263	119	236824	18.723	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	267760	19.144	ug/l	97
85) sec-Butylbenzene	13.445	105	327310	18.846	ug/l	96
86) p-Isopropyltoluene	13.557	119	257186	18.995	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	124377	18.584	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	124211	18.466	ug/l	98
89) n-Butylbenzene	13.886	91	223418	18.307	ug/l	93
90) Hexachloroethane	14.151	117	51451	17.465	ug/l	76
91) 1,2-Dichlorobenzene	13.927	146	129874	18.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	26942	17.858	ug/l	83
93) 1,2,4-Trichlorobenzene	15.204	180	56682	17.136	ug/l	97
94) Hexachlorobutadiene	15.304	225	25379	17.457	ug/l	94
95) Naphthalene	15.439	128	249701	18.552	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	59803	18.317	ug/l	99

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

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