

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074206.D
 Acq On : 31 Aug 2022 11:43
 Operator : JC\MD
 Sample : VN0831WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0831WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 01 00:21:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						09/01/2022
1) Pentafluorobenzene	8.016	168	181856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	340762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	313931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	140362	50.000	ug/l	0.00
System Monitoring Compounds						09/02/2022
33) 1,2-Dichloroethane-d4	8.363	65	150114	53.212	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.420%
35) Dibromofluoromethane	7.945	113	114453	51.616	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.240%
50) Toluene-d8	10.375	98	451134	51.662	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.669	95	143198	53.923	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	35924	19.091	ug/l	97
3) Chloromethane	2.269	50	63401	23.921	ug/l	97
4) Vinyl Chloride	2.405	62	60075	22.810	ug/l	99
5) Bromomethane	2.781	94	35622	24.739	ug/l	89
6) Chloroethane	2.946	64	44166	24.337	ug/l	100
7) Trichlorofluoromethane	3.304	101	75063	18.644	ug/l	95
8) Diethyl Ether	3.757	74	31519	18.408	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.146	101	45067	19.600	ug/l	93
10) Methyl Iodide	4.346	142	38276	20.625	ug/l #	88
11) Tert butyl alcohol	5.287	59	66929	100.884	ug/l #	94
12) 1,1-Dichloroethene	4.110	96	42727	20.039	ug/l	92
13) Acrolein	3.975	56	56860	91.179	ug/l	97
14) Allyl chloride	4.757	41	106657	22.432	ug/l #	87
15) Acrylonitrile	5.469	53	210469	103.272	ug/l	98
16) Acetone	4.222	43	180773	95.898	ug/l	97
17) Carbon Disulfide	4.451	76	117242	19.321	ug/l #	91
18) Methyl Acetate	4.769	43	112097	22.362	ug/l #	86
19) Methyl tert-butyl Ether	5.528	73	163591	20.742	ug/l	95
20) Methylene Chloride	5.004	84	57334	21.408	ug/l #	88
21) trans-1,2-Dichloroethene	5.504	96	47960	19.489	ug/l #	92
22) Diisopropyl ether	6.410	45	218386	22.544	ug/l	98
23) Vinyl Acetate	6.345	43	909087	111.149	ug/l #	90
24) 1,1-Dichloroethane	6.298	63	101761	21.293	ug/l	99
25) 2-Butanone	7.251	43	315465	104.613	ug/l #	86
26) 2,2-Dichloropropane	7.245	77	68513	22.380	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	57665	20.979	ug/l	91
28) Bromochloromethane	7.581	49	36199	21.492	ug/l #	72
29) Tetrahydrofuran	7.604	42	219808	114.456	ug/l #	81
30) Chloroform	7.745	83	99437	20.411	ug/l	98
31) Cyclohexane	8.022	56	100880	21.643	ug/l #	82
32) 1,1,1-Trichloroethane	7.934	97	79299	21.165	ug/l	96
36) 1,1-Dichloropropene	8.145	75	73272	20.366	ug/l	97
37) Ethyl Acetate	7.334	43	115880	19.259	ug/l #	95
38) Carbon Tetrachloride	8.128	117	61085	18.654	ug/l	93
39) Methylcyclohexane	9.392	83	86923	20.581	ug/l	88
40) Benzene	8.386	78	233074	20.632	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.563	41	64808	23.335	ug/l	#	73
42) 1,2-Dichloroethane	8.457	62	81004	20.149	ug/l		98
43) Isopropyl Acetate	8.492	43	167859	20.752	ug/l	#	91
44) Trichloroethene	9.151	130	49102	19.451	ug/l		100
45) 1,2-Dichloropropane	9.428	63	63411	20.790	ug/l	#	88
46) Dibromomethane	9.516	93	39385	19.334	ug/l		88
47) Bromodichloromethane	9.698	83	78091	19.562	ug/l		98
48) Methyl methacrylate	9.498	41	78813	20.513	ug/l	#	87
49) 1,4-Dioxane	9.498	88	32252	389.080	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.269	43	620799	105.751	ug/l		88
52) Toluene	10.445	92	143086	21.489	ug/l		98
53) t-1,3-Dichloropropene	10.657	75	78299	20.687	ug/l		94
54) cis-1,3-Dichloropropene	10.128	75	87433	20.634	ug/l	#	87
55) 1,1,2-Trichloroethane	10.839	97	55466	19.258	ug/l		94
56) Ethyl methacrylate	10.704	69	90952	20.834	ug/l	#	77
57) 1,3-Dichloropropane	10.986	76	100255	20.029	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.980	63	222361	100.688	ug/l	#	87
59) 2-Hexanone	11.022	43	479188	107.564	ug/l		86
60) Dibromochloromethane	11.180	129	51584	19.121	ug/l		100
61) 1,2-Dibromoethane	11.280	107	57380	20.849	ug/l		97
64) Tetrachloroethene	10.916	164	43795	19.260	ug/l		90
65) Chlorobenzene	11.710	112	140510	19.890	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.780	131	49598	19.754	ug/l		99
67) Ethyl Benzene	11.786	91	265583	20.950	ug/l		96
68) m/p-Xylenes	11.892	106	197573	41.953	ug/l		94
69) o-Xylene	12.222	106	96968	20.664	ug/l		97
70) Styrene	12.233	104	162111	21.684	ug/l		99
71) Bromoform	12.398	173	37514	17.639	ug/l	#	99
73) Isopropylbenzene	12.522	105	252146	20.976	ug/l		98
74) N-amyl acetate	12.327	43	147482	21.685	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	96845	19.427	ug/l		99
76) 1,2,3-Trichloropropane	12.821	75	78763m	22.367	ug/l		
77) Bromobenzene	12.798	156	54223	19.284	ug/l		78
78) n-propylbenzene	12.857	91	302525	22.079	ug/l		96
79) 2-Chlorotoluene	12.945	91	182404	21.733	ug/l		92
80) 1,3,5-Trimethylbenzene	12.998	105	212508	21.738	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.569	75	27853	20.597	ug/l		92
82) 4-Chlorotoluene	13.045	91	171415	21.108	ug/l		97
83) tert-Butylbenzene	13.263	119	177405	21.214	ug/l		95
84) 1,2,4-Trimethylbenzene	13.310	105	208548	22.104	ug/l		100
85) sec-Butylbenzene	13.439	105	258493	22.036	ug/l		96
86) p-Isopropyltoluene	13.557	119	199923	21.903	ug/l		97
87) 1,3-Dichlorobenzene	13.551	146	102987	20.547	ug/l		99
88) 1,4-Dichlorobenzene	13.633	146	100030	19.290	ug/l		92
89) n-Butylbenzene	13.880	91	179775	22.614	ug/l		94
90) Hexachloroethane	14.145	117	37552	19.955	ug/l		82
91) 1,2-Dichlorobenzene	13.921	146	106706	20.195	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	20039	20.112	ug/l		79
93) 1,2,4-Trichlorobenzene	15.198	180	51919	20.089	ug/l		96
94) Hexachlorobutadiene	15.304	225	24406	19.203	ug/l		91
95) Naphthalene	15.433	128	182835	17.922	ug/l		100
96) 1,2,3-Trichlorobenzene	15.627	180	52098	19.459	ug/l		98

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

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