

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074180.D
 Acq On : 30 Aug 2022 21:40
 Operator : JC\MD
 Sample : VN0830WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

Quant Time: Aug 31 07:04:54 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						
1) Pentafluorobenzene	8.010	168	182167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	331948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	311498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	134942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	153908	54.464	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.920%	
35) Dibromofluoromethane	7.951	113	116436	53.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.800%	
50) Toluene-d8	10.380	98	471851	55.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.940%	
62) 4-Bromofluorobenzene	12.668	95	144287	55.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	36965	19.611	ug/l	98
3) Chloromethane	2.269	50	61018	22.983	ug/l	96
4) Vinyl Chloride	2.404	62	61631	23.361	ug/l	96
5) Bromomethane	2.781	94	29685	20.581	ug/l	94
6) Chloroethane	2.951	64	42443	23.256	ug/l	99
7) Trichlorofluoromethane	3.304	101	103056	25.553	ug/l	94
8) Diethyl Ether	3.763	74	34145	19.908	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.134	101	46700	20.276	ug/l	89
10) Methyl Iodide	4.340	142	35892	19.307	ug/l #	82
11) Tert butyl alcohol	5.293	59	74886	113.634	ug/l	99
12) 1,1-Dichloroethene	4.098	96	44464	20.818	ug/l	93
13) Acrolein	3.975	56	65571	104.968	ug/l	98
14) Allyl chloride	4.757	41	102834	21.591	ug/l #	92
15) Acrylonitrile	5.475	53	229232	112.286	ug/l	99
16) Acetone	4.228	43	205653	108.911	ug/l	93
17) Carbon Disulfide	4.446	76	127266	20.937	ug/l	96
18) Methyl Acetate	4.775	43	123400	24.784	ug/l #	87
19) Methyl tert-butyl Ether	5.534	73	164948	20.879	ug/l	98
20) Methylene Chloride	5.004	84	62317	23.424	ug/l	87
21) trans-1,2-Dichloroethene	5.510	96	50810	20.612	ug/l	96
22) Diisopropyl ether	6.416	45	219183	22.587	ug/l #	90
23) Vinyl Acetate	6.345	43	904187	110.361	ug/l #	89
24) 1,1-Dichloroethane	6.298	63	104260	21.779	ug/l	99
25) 2-Butanone	7.263	43	349004	115.538	ug/l #	84
26) 2,2-Dichloropropane	7.257	77	61339	20.031	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	59196	21.499	ug/l	94
28) Bromochloromethane	7.586	49	38068	22.669	ug/l #	69
29) Tetrahydrofuran	7.610	42	232658	120.940	ug/l #	84
30) Chloroform	7.745	83	103824	21.275	ug/l	96
31) Cyclohexane	8.022	56	100652	21.557	ug/l #	81
32) 1,1,1-Trichloroethane	7.939	97	81648	21.755	ug/l	95
36) 1,1-Dichloropropene	8.145	75	72569	20.706	ug/l	97
37) Ethyl Acetate	7.339	43	119417	20.374	ug/l #	96
38) Carbon Tetrachloride	8.133	117	65568	20.553	ug/l	96
39) Methylcyclohexane	9.392	83	82768	20.118	ug/l #	87
40) Benzene	8.392	78	243143	22.095	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	58124	21.484	ug/l	88
42) 1,2-Dichloroethane	8.463	62	84393	21.550	ug/l	97
43) Isopropyl Acetate	8.498	43	173786	22.056	ug/l #	92
44) Trichloroethene	9.145	130	51384	20.896	ug/l	99
45) 1,2-Dichloropropane	9.428	63	64842	21.824	ug/l	94
46) Dibromomethane	9.516	93	38118	19.209	ug/l	88
47) Bromodichloromethane	9.704	83	77609	19.958	ug/l	99
48) Methyl methacrylate	9.498	41	81613	21.805	ug/l	88
49) 1,4-Dioxane	9.504	88	35973	445.492	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	651410	113.912	ug/l	90
52) Toluene	10.445	92	143088	22.060	ug/l	96
53) t-1,3-Dichloropropene	10.663	75	74988	20.338	ug/l	91
54) cis-1,3-Dichloropropene	10.127	75	86237	20.892	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	58072	20.698	ug/l	96
56) Ethyl methacrylate	10.704	69	94839	22.301	ug/l #	79
57) 1,3-Dichloropropane	10.986	76	105631	21.663	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.980	63	241270	112.151	ug/l	89
59) 2-Hexanone	11.027	43	511923	117.963	ug/l	89
60) Dibromochloromethane	11.180	129	54862	20.876	ug/l	100
61) 1,2-Dibromoethane	11.286	107	57880	21.589	ug/l	99
64) Tetrachloroethene	10.916	164	41043	18.190	ug/l	93
65) Chlorobenzene	11.710	112	140446	20.037	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	50112	20.114	ug/l	97
67) Ethyl Benzene	11.786	91	265817	21.132	ug/l	99
68) m/p-Xylenes	11.892	106	199686	42.733	ug/l	95
69) o-Xylene	12.221	106	101701	21.842	ug/l	97
70) Styrene	12.233	104	160320	21.612	ug/l	98
71) Bromoform	12.398	173	37333	17.691	ug/l #	97
73) Isopropylbenzene	12.521	105	250205	21.651	ug/l	100
74) N-amyl acetate	12.327	43	145274	22.219	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.768	83	103619	21.621	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	73428m	21.622	ug/l	
77) Bromobenzene	12.798	156	58653	21.697	ug/l	83
78) n-propylbenzene	12.863	91	299755	22.755	ug/l	97
79) 2-Chlorotoluene	12.951	91	177584	22.009	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	211974	22.554	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	26099	20.075	ug/l	87
82) 4-Chlorotoluene	13.045	91	170915	21.892	ug/l	97
83) tert-Butylbenzene	13.263	119	174678	21.727	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	208232	22.956	ug/l	100
85) sec-Butylbenzene	13.439	105	264363	23.441	ug/l	96
86) p-Isopropyltoluene	13.557	119	193925	22.099	ug/l	95
87) 1,3-Dichlorobenzene	13.551	146	100992	20.958	ug/l	96
88) 1,4-Dichlorobenzene	13.633	146	109125	21.890	ug/l	98
89) n-Butylbenzene	13.880	91	165077	21.599	ug/l	96
90) Hexachloroethane	14.151	117	37712	20.845	ug/l	81
91) 1,2-Dichlorobenzene	13.927	146	110030	21.661	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	20717	21.627	ug/l	89
93) 1,2,4-Trichlorobenzene	15.198	180	50948	20.505	ug/l	99
94) Hexachlorobutadiene	15.298	225	24761	20.264	ug/l	93
95) Naphthalene	15.433	128	199619	20.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	53319	20.715	ug/l	95

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

