

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082222\
 Data File : VN074053.D
 Acq On : 22 Aug 2022 18:45
 Operator : JC\MD
 Sample : VN0822WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBSD02

Quant Time: Aug 23 04:50:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	487675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	788002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	705302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	371304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	275705	58.044	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.080%
35) Dibromofluoromethane	7.951	113	241766	51.879	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.760%
50) Toluene-d8	10.381	98	905803	50.187	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.669	95	317979	53.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	95911	24.803	ug/l	100
3) Chloromethane	2.269	50	119615	27.817	ug/l	97
4) Vinyl Chloride	2.405	62	137777	24.958	ug/l	97
5) Bromomethane	2.810	94	69395	20.131	ug/l	98
6) Chloroethane	2.975	64	85206	21.849	ug/l	99
7) Trichlorofluoromethane	3.316	101	168749	23.697	ug/l	99
8) Diethyl Ether	3.769	74	63577	24.051	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.146	101	88405	21.371	ug/l	97
10) Methyl Iodide	4.357	142	86574	17.432	ug/l	98
11) Tert butyl alcohol	5.287	59	135996	127.998	ug/l	99
12) 1,1-Dichloroethene	4.116	96	91317	23.725	ug/l	94
13) Acrolein	3.987	56	60069	80.771	ug/l	99
14) Allyl chloride	4.763	41	150081	26.329	ug/l	94
15) Acrylonitrile	5.475	53	366986	141.476	ug/l	98
16) Acetone	4.222	43	294683	131.499	ug/l	94
17) Carbon Disulfide	4.457	76	251608	27.493	ug/l	100
18) Methyl Acetate	4.781	43	159282	27.284	ug/l	100
19) Methyl tert-butyl Ether	5.540	73	321559	23.197	ug/l	97
20) Methylene Chloride	5.010	84	111271	23.531	ug/l	96
21) trans-1,2-Dichloroethene	5.522	96	103098	24.313	ug/l	92
22) Diisopropyl ether	6.416	45	314572	26.028	ug/l	97
23) Vinyl Acetate	6.351	43	1352753	130.611	ug/l	100
24) 1,1-Dichloroethane	6.310	63	185635	24.676	ug/l	99
25) 2-Butanone	7.257	43	499567	140.594	ug/l	99
26) 2,2-Dichloropropane	7.245	77	133127	18.835	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	123712	23.646	ug/l	95
28) Bromochloromethane	7.587	49	69895	25.190	ug/l	99
29) Tetrahydrofuran	7.610	42	323610	141.975	ug/l	100
30) Chloroform	7.745	83	195785	23.274	ug/l	100
31) Cyclohexane	8.022	56	163259	24.656	ug/l	97
32) 1,1,1-Trichloroethane	7.940	97	163371	21.900	ug/l	97
36) 1,1-Dichloropropene	8.151	75	140321	21.679	ug/l	100
37) Ethyl Acetate	7.340	43	177878	22.683	ug/l	96
38) Carbon Tetrachloride	8.140	117	141305	19.099	ug/l	93
39) Methylcyclohexane	9.398	83	163672	20.180	ug/l	96
40) Benzene	8.392	78	447602	21.910	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	83128	23.457	ug/l	95
42) 1,2-Dichloroethane	8.463	62	147854	21.049	ug/l	99
43) Isopropyl Acetate	8.498	43	267404	23.937	ug/l	98
44) Trichloroethene	9.151	130	116725	19.782	ug/l	99
45) 1,2-Dichloropropane	9.428	63	111242	22.718	ug/l	96
46) Dibromomethane	9.516	93	79872	21.455	ug/l	97
47) Bromodichloromethane	9.704	83	152267	21.399	ug/l	96
48) Methyl methacrylate	9.498	41	108988	22.801	ug/l	90
49) 1,4-Dioxane	9.510	88	60974	428.949	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	910919	120.606	ug/l	100
52) Toluene	10.445	92	282319	20.153	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	155284	20.797	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	176385	21.591	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	116156	21.316	ug/l	98
56) Ethyl methacrylate	10.704	69	175781	22.617	ug/l	95
57) 1,3-Dichloropropane	10.986	76	193166	21.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	392253	108.138	ug/l	100
59) 2-Hexanone	11.028	43	716997	123.349	ug/l	100
60) Dibromochloromethane	11.180	129	125090	20.758	ug/l	99
61) 1,2-Dibromoethane	11.286	107	122759	21.062	ug/l	98
64) Tetrachloroethene	10.916	164	101510	18.235	ug/l	97
65) Chlorobenzene	11.710	112	306909	20.475	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	114809	20.227	ug/l	97
67) Ethyl Benzene	11.786	91	518921	20.817	ug/l	100
68) m/p-Xylenes	11.892	106	406598	40.144	ug/l	98
69) o-Xylene	12.222	106	198365	19.530	ug/l	98
70) Styrene	12.233	104	334595	21.042	ug/l	99
71) Bromoform	12.398	173	101831	20.094	ug/l #	99
73) Isopropylbenzene	12.522	105	507916	18.786	ug/l	100
74) N-amyl acetate	12.327	43	202253	19.788	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.769	83	181966	20.056	ug/l	98
76) 1,2,3-Trichloropropane	12.822	75	134571m	17.437	ug/l	
77) Bromobenzene	12.798	156	136362	18.633	ug/l	97
78) n-propylbenzene	12.863	91	595280	20.655	ug/l	100
79) 2-Chlorotoluene	12.945	91	357562	19.909	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	428823	19.499	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	55306	20.382	ug/l	98
82) 4-Chlorotoluene	13.045	91	355182	20.822	ug/l	97
83) tert-Butylbenzene	13.263	119	372030	18.384	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	432021	19.672	ug/l	98
85) sec-Butylbenzene	13.439	105	534462	20.374	ug/l	99
86) p-Isopropyltoluene	13.557	119	454384	20.333	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	250749	19.757	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	250104	19.445	ug/l	99
89) n-Butylbenzene	13.880	91	378695	21.394	ug/l	99
90) Hexachloroethane	14.151	117	78613	19.245	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	245400	18.724	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	44395	20.724	ug/l	94
93) 1,2,4-Trichlorobenzene	15.198	180	162719	20.400	ug/l	100
94) Hexachlorobutadiene	15.298	225	78410	18.648	ug/l	99
95) Naphthalene	15.433	128	530855	20.414	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	164256	19.923	ug/l	99

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

