

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074078.D
 Acq On : 23 Aug 2022 19:18
 Operator : JC\MD
 Sample : VN0823WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 24 01:14:48 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	432239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	693802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	613099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	293359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	257311	61.119	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.240%			
35) Dibromofluoromethane	7.951	113	229568	55.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.900%			
50) Toluene-d8	10.380	98	809339	50.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.860%			
62) 4-Bromofluorobenzene	12.669	95	272228	51.618	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	82260	24.001	ug/l	99
3) Chloromethane	2.269	50	111937	29.370	ug/l	99
4) Vinyl Chloride	2.405	62	118172	24.152	ug/l	98
5) Bromomethane	2.804	94	56107	18.363	ug/l	99
6) Chloroethane	2.969	64	75189	21.753	ug/l	100
7) Trichlorofluoromethane	3.316	101	149862	23.744	ug/l	96
8) Diethyl Ether	3.763	74	58194	24.838	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.134	101	78945	21.532	ug/l	98
10) Methyl Iodide	4.351	142	88593	20.127	ug/l	98
11) Tert butyl alcohol	5.287	59	126269	134.085	ug/l	98
12) 1,1-Dichloroethene	4.110	96	78000	22.865	ug/l	94
13) Acrolein	3.981	56	58217	88.320	ug/l	96
14) Allyl chloride	4.763	41	125841	24.908	ug/l	94
15) Acrylonitrile	5.475	53	344465	149.826	ug/l	99
16) Acetone	4.228	43	287966	144.982	ug/l	95
17) Carbon Disulfide	4.457	76	200872	24.764	ug/l	100
18) Methyl Acetate	4.781	43	153918	29.988	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	292317	23.792	ug/l	98
20) Methylene Chloride	5.016	84	103082	24.595	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	86089	22.906	ug/l	97
22) Diisopropyl ether	6.416	45	290889	27.155	ug/l	98
23) Vinyl Acetate	6.351	43	1235932	134.636	ug/l	100
24) 1,1-Dichloroethane	6.304	63	168776	25.312	ug/l	99
25) 2-Butanone	7.263	43	459331	145.849	ug/l	99
26) 2,2-Dichloropropane	7.251	77	85927	13.716	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	108066	23.305	ug/l	93
28) Bromochloromethane	7.587	49	63690	25.898	ug/l	99
29) Tetrahydrofuran	7.610	42	300016	148.504	ug/l	98
30) Chloroform	7.745	83	175500	23.538	ug/l	99
31) Cyclohexane	8.022	56	134621	22.938	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	145888	22.064	ug/l	97
36) 1,1-Dichloropropene	8.151	75	116296	20.406	ug/l	99
37) Ethyl Acetate	7.339	43	165770	24.010	ug/l	98
38) Carbon Tetrachloride	8.134	117	123424	18.947	ug/l	99
39) Methylcyclohexane	9.398	83	134368	18.817	ug/l	96
40) Benzene	8.392	78	400599	22.271	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	76246	24.437	ug/l	99
42) 1,2-Dichloroethane	8.463	62	137765	22.275	ug/l	98
43) Isopropyl Acetate	8.498	43	232147	23.602	ug/l	99
44) Trichloroethene	9.151	130	98140	18.891	ug/l	100
45) 1,2-Dichloropropane	9.428	63	102723	23.826	ug/l	99
46) Dibromomethane	9.516	93	71062	21.680	ug/l	96
47) Bromodichloromethane	9.698	83	137861	22.005	ug/l	97
48) Methyl methacrylate	9.498	41	101876	24.207	ug/l	93
49) 1,4-Dioxane	9.510	88	62931	502.826	ug/l	96
51) 4-Methyl-2-Pentanone	10.275	43	848803	127.640	ug/l	99
52) Toluene	10.445	92	244309	19.808	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	123985	18.860	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	140503	19.534	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	107949	22.499	ug/l	97
56) Ethyl methacrylate	10.704	69	155627	22.742	ug/l	95
57) 1,3-Dichloropropane	10.986	76	177250	22.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	359491	112.562	ug/l	99
59) 2-Hexanone	11.027	43	662207	129.391	ug/l	99
60) Dibromochloromethane	11.180	129	110296	20.788	ug/l	99
61) 1,2-Dibromoethane	11.286	107	107867	21.020	ug/l	99
64) Tetrachloroethene	10.916	164	83474	17.250	ug/l	97
65) Chlorobenzene	11.710	112	259741	19.934	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	100374	20.343	ug/l	99
67) Ethyl Benzene	11.786	91	433059	19.985	ug/l	100
68) m/p-Xylenes	11.892	106	344931	39.177	ug/l	99
69) o-Xylene	12.222	106	171288	19.400	ug/l	99
70) Styrene	12.233	104	280492	20.292	ug/l	99
71) Bromoform	12.398	173	86974	19.743	ug/l #	100
73) Isopropylbenzene	12.521	105	421721	19.742	ug/l	99
74) N-amyl acetate	12.333	43	175203	21.696	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.769	83	172082	24.006	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	123189m	20.203	ug/l	
77) Bromobenzene	12.798	156	112386	19.437	ug/l	99
78) n-propylbenzene	12.863	91	471513	20.707	ug/l	100
79) 2-Chlorotoluene	12.945	91	298711	21.051	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	357882	20.597	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	40983	19.117	ug/l	97
82) 4-Chlorotoluene	13.045	91	282867	20.988	ug/l	98
83) tert-Butylbenzene	13.263	119	311250	19.467	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	361410	20.829	ug/l	99
85) sec-Butylbenzene	13.439	105	424684	20.491	ug/l	100
86) p-Isopropyltoluene	13.557	119	353588	20.026	ug/l	100
87) 1,3-Dichlorobenzene	13.557	146	195524	19.499	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	194348	19.125	ug/l	99
89) n-Butylbenzene	13.886	91	256176	18.318	ug/l	99
90) Hexachloroethane	14.151	117	66095	20.479	ug/l	96
91) 1,2-Dichlorobenzene	13.927	146	205278	19.825	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	37132	21.939	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	110728	17.570	ug/l	99
94) Hexachlorobutadiene	15.304	225	56402	16.978	ug/l	98
95) Naphthalene	15.433	128	398182	19.380	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	119741	18.382	ug/l	98

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

