

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074085.D
 Acq On : 24 Aug 2022 12:31
 Operator : JC\MD
 Sample : VN0824WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/25/2022
 Supervised By : Mahesh Dadoda 08/25/2022

Quant Time: Aug 25 07:53:07 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	483295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	737655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	662098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	336028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	263278	55.930	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.860%			
35) Dibromofluoromethane	7.951	113	238772	54.734	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.460%			
50) Toluene-d8	10.380	98	877286	51.925	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.669	95	297083	52.982	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	86134	22.477	ug/l	98
3) Chloromethane	2.269	50	99953	23.455	ug/l	99
4) Vinyl Chloride	2.405	62	114362	20.905	ug/l	99
5) Bromomethane	2.804	94	69308	20.288	ug/l	95
6) Chloroethane	2.969	64	77064	19.940	ug/l	97
7) Trichlorofluoromethane	3.316	101	144318	20.450	ug/l	100
8) Diethyl Ether	3.769	74	55771	21.289	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.134	101	83301	20.319	ug/l	94
10) Methyl Iodide	4.346	142	90884	18.466	ug/l	98
11) Tert butyl alcohol	5.287	59	110029	104.497	ug/l	100
12) 1,1-Dichloroethene	4.110	96	81030	21.244	ug/l	94
13) Acrolein	3.981	56	59216	80.346	ug/l	100
14) Allyl chloride	4.763	41	129225	22.875	ug/l	95
15) Acrylonitrile	5.475	53	322801	125.570	ug/l	99
16) Acetone	4.222	43	256983	115.715	ug/l	94
17) Carbon Disulfide	4.457	76	208859	23.029	ug/l	98
18) Methyl Acetate	4.769	43	144812	24.808	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	281975	20.526	ug/l	99
20) Methylene Chloride	5.010	84	99691	21.273	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	90403	21.513	ug/l	96
22) Diisopropyl ether	6.410	45	286451	23.916	ug/l	98
23) Vinyl Acetate	6.351	43	1186782	115.625	ug/l	99
24) 1,1-Dichloroethane	6.304	63	170829	22.913	ug/l	100
25) 2-Butanone	7.257	43	431007	122.398	ug/l	99
26) 2,2-Dichloropropane	7.245	77	116627	16.650	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	108052	20.840	ug/l	96
28) Bromochloromethane	7.587	49	68588	24.943	ug/l	99
29) Tetrahydrofuran	7.610	42	277351	122.782	ug/l	98
30) Chloroform	7.745	83	181907	21.820	ug/l	99
31) Cyclohexane	8.022	56	145346	22.149	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	150477	20.354	ug/l	98
36) 1,1-Dichloropropene	8.151	75	126026	20.799	ug/l	99
37) Ethyl Acetate	7.334	43	160134	21.815	ug/l	99
38) Carbon Tetrachloride	8.134	117	130424	18.831	ug/l	96
39) Methylcyclohexane	9.392	83	147737	19.459	ug/l	97
40) Benzene	8.386	78	414509	21.675	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	71570	21.574	ug/l	97
42) 1,2-Dichloroethane	8.463	62	136106	20.699	ug/l	97
43) Isopropyl Acetate	8.492	43	219178	20.959	ug/l	98
44) Trichloroethene	9.151	130	105718	19.140	ug/l	99
45) 1,2-Dichloropropane	9.428	63	103704	22.624	ug/l	100
46) Dibromomethane	9.510	93	71382	20.483	ug/l	97
47) Bromodichloromethane	9.698	83	137920	20.706	ug/l	98
48) Methyl methacrylate	9.498	41	96172	21.493	ug/l	92
49) 1,4-Dioxane	9.504	88	55056	413.752	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	808975	114.419	ug/l	100
52) Toluene	10.445	92	257938	19.670	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	131163	18.765	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	151554	19.817	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	107619	21.097	ug/l	99
56) Ethyl methacrylate	10.704	69	153343	21.077	ug/l	94
57) 1,3-Dichloropropane	10.986	76	178495	21.521	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	350506	103.224	ug/l	100
59) 2-Hexanone	11.027	43	621474	114.213	ug/l	99
60) Dibromochloromethane	11.180	129	111469	19.760	ug/l	98
61) 1,2-Dibromoethane	11.286	107	107403	19.685	ug/l	97
64) Tetrachloroethene	10.910	164	94711	18.124	ug/l	94
65) Chlorobenzene	11.710	112	274933	19.539	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	105239	19.751	ug/l	98
67) Ethyl Benzene	11.786	91	476244	20.351	ug/l	99
68) m/p-Xylenes	11.892	106	383257	40.309	ug/l	98
69) o-Xylene	12.222	106	183414	19.236	ug/l	99
70) Styrene	12.233	104	304792	20.418	ug/l	98
71) Bromoform	12.398	173	88563	18.616	ug/l #	100
73) Isopropylbenzene	12.516	105	474441	19.390	ug/l	100
74) N-amyl acetate	12.327	43	176958	19.130	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	172315	20.986	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	140263m	20.083	ug/l	
77) Bromobenzene	12.798	156	122354	18.474	ug/l	96
78) n-propylbenzene	12.863	91	537630	20.613	ug/l	99
79) 2-Chlorotoluene	12.945	91	331210	20.377	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	406653	20.432	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	45083	18.359	ug/l	96
82) 4-Chlorotoluene	13.045	91	316270	20.487	ug/l	97
83) tert-Butylbenzene	13.263	119	347047	18.949	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	405968	20.426	ug/l	100
85) sec-Butylbenzene	13.439	105	478497	20.156	ug/l	99
86) p-Isopropyltoluene	13.557	119	404676	20.009	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	222794	19.397	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	219566	18.863	ug/l	99
89) n-Butylbenzene	13.880	91	307950	19.224	ug/l	99
90) Hexachloroethane	14.151	117	70104	18.963	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	226056	19.059	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	35089	18.099	ug/l	90
93) 1,2,4-Trichlorobenzene	15.192	180	126636	17.543	ug/l	98
94) Hexachlorobutadiene	15.304	225	68497	18.001	ug/l	97
95) Naphthalene	15.433	128	410962	17.462	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	135486	18.158	ug/l	99

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

