

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074553.D
 Acq On : 17 Sep 2022 14:03
 Operator : JC\MD
 Sample : VN0917WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

Quant Time: Sep 19 02:54:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2022
 Supervised By : Mahesh Dadoda 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	209960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	409414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	366128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.621	152	160006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	181712	51.007	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.020%			
35) Dibromofluoromethane	7.951	113	135693	49.893	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.780%			
50) Toluene-d8	10.380	98	512180	48.696	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.400%			
62) 4-Bromofluorobenzene	12.674	95	167990	46.633	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	41559	18.187	ug/l	85
3) Chloromethane	2.263	50	89493	23.422	ug/l	100
4) Vinyl Chloride	2.404	62	104901	25.504	ug/l #	79
5) Bromomethane	2.793	94	75707	34.902	ug/l	92
6) Chloroethane	2.957	64	103139	36.710	ug/l	92
7) Trichlorofluoromethane	3.310	101	88417	19.466	ug/l	97
8) Diethyl Ether	3.769	74	45007	19.431	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.146	101	56361	20.057	ug/l	92
10) Methyl Iodide	4.351	142	64855	19.564	ug/l	97
11) Tert butyl alcohol	5.275	59	121347	104.565	ug/l	98
12) 1,1-Dichloroethene	4.116	96	55304	20.392	ug/l	92
13) Acrolein	3.987	56	33804	79.765	ug/l	96
14) Allyl chloride	4.751	41	136219	20.630	ug/l #	93
15) Acrylonitrile	5.475	53	282997	108.546	ug/l	99
16) Acetone	4.222	43	243605	106.862	ug/l	91
17) Carbon Disulfide	4.451	76	133218	17.569	ug/l #	87
18) Methyl Acetate	4.769	43	150485	21.254	ug/l #	86
19) Methyl tert-butyl Ether	5.528	73	230487	19.777	ug/l	100
20) Methylene Chloride	5.010	84	72233	20.773	ug/l #	83
21) trans-1,2-Dichloroethene	5.516	96	58732	19.600	ug/l	96
22) Diisopropyl ether	6.410	45	280358	21.145	ug/l #	93
23) Vinyl Acetate	6.351	43	1272079	108.777	ug/l #	91
24) 1,1-Dichloroethane	6.304	63	137731	20.781	ug/l	97
25) 2-Butanone	7.257	43	423836	111.981	ug/l	90
26) 2,2-Dichloropropane	7.245	77	101524	17.768	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	74370	19.129	ug/l	88
28) Bromochloromethane	7.581	49	39694	20.323	ug/l #	65
29) Tetrahydrofuran	7.610	42	281293	113.037	ug/l #	83
30) Chloroform	7.745	83	124888	20.416	ug/l	99
31) Cyclohexane	8.022	56	122925	19.440	ug/l #	81
32) 1,1,1-Trichloroethane	7.945	97	102199	19.049	ug/l	93
36) 1,1-Dichloropropene	8.145	75	91019	18.908	ug/l	96
37) Ethyl Acetate	7.334	43	159058	21.395	ug/l #	95
38) Carbon Tetrachloride	8.133	117	81928	18.433	ug/l	92
39) Methylcyclohexane	9.398	83	111771	19.526	ug/l	95
40) Benzene	8.392	78	296555	19.922	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
 Data File : VN074553.D
 Acq On : 17 Sep 2022 14:03
 Operator : JC\MD
 Sample : VN0917WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Quant Time: Sep 19 02:54:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	74399	20.700	ug/l	90
42) 1,2-Dichloroethane	8.469	62	103552	20.271	ug/l	99
43) Isopropyl Acetate	8.492	43	242082	20.788	ug/l #	90
44) Trichloroethene	9.151	130	58768	18.245	ug/l	78
45) 1,2-Dichloropropane	9.428	63	82600	20.191	ug/l	94
46) Dibromomethane	9.516	93	51919	20.263	ug/l #	81
47) Bromodichloromethane	9.704	83	103648	20.633	ug/l #	98
48) Methyl methacrylate	9.498	41	100961	19.553	ug/l #	85
49) 1,4-Dioxane	9.510	88	41711	420.170	ug/l #	88
51) 4-Methyl-2-Pentanone	10.269	43	850202	111.804	ug/l	89
52) Toluene	10.445	92	181051	20.741	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	110716	18.911	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	119405	19.058	ug/l #	86
55) 1,1,2-Trichloroethane	10.839	97	71001	19.203	ug/l	93
56) Ethyl methacrylate	10.698	69	132079	19.998	ug/l #	75
57) 1,3-Dichloropropane	10.986	76	135245	20.862	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	267060	91.877	ug/l	91
59) 2-Hexanone	11.027	43	653721	112.611	ug/l	86
60) Dibromochloromethane	11.180	129	71125	20.094	ug/l	99
61) 1,2-Dibromoethane	11.286	107	72140	20.084	ug/l	99
64) Tetrachloroethene	10.916	164	46231	18.399	ug/l	91
65) Chlorobenzene	11.716	112	177678	19.331	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	64948	19.448	ug/l	98
67) Ethyl Benzene	11.786	91	339462	20.116	ug/l	98
68) m/p-Xylenes	11.892	106	254017	40.712	ug/l	97
69) o-Xylene	12.221	106	126072	19.818	ug/l	99
70) Styrene	12.239	104	202198	19.107	ug/l	97
71) Bromoform	12.398	173	46622	18.995	ug/l #	98
73) Isopropylbenzene	12.521	105	319145	19.480	ug/l	97
74) N-amyl acetate	12.333	43	214086	20.900	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.768	83	134425	20.474	ug/l	99
76) 1,2,3-Trichloropropane	12.827	75	97859m	19.869	ug/l	
77) Bromobenzene	12.804	156	69930	19.981	ug/l	75
78) n-propylbenzene	12.863	91	383351	19.646	ug/l	95
79) 2-Chlorotoluene	12.945	91	222716	19.120	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	258063	19.323	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.569	75	39629	17.367	ug/l	94
82) 4-Chlorotoluene	13.045	91	208574	18.838	ug/l	97
83) tert-Butylbenzene	13.263	119	230525	18.966	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	263050	19.572	ug/l	98
85) sec-Butylbenzene	13.445	105	328647	19.692	ug/l	95
86) p-Isopropyltoluene	13.557	119	259395	19.937	ug/l	95
87) 1,3-Dichlorobenzene	13.557	146	125287	19.481	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	121828	18.848	ug/l	97
89) n-Butylbenzene	13.886	91	220021	18.761	ug/l	97
90) Hexachloroethane	14.151	117	51606	18.229	ug/l	71
91) 1,2-Dichlorobenzene	13.927	146	130691	19.588	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.545	75	24868	17.153	ug/l	87
93) 1,2,4-Trichlorobenzene	15.198	180	60013	18.880	ug/l	98
94) Hexachlorobutadiene	15.304	225	23109	16.542	ug/l	94
95) Naphthalene	15.439	128	248881	19.184	ug/l	100
96) 1,2,3-Trichlorobenzene	15.633	180	60657	19.259	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091722\
Data File : VN074553.D
Acq On : 17 Sep 2022 14:03
Operator : JC\MD
Sample : VN0917WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0917WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2022
Supervised By :Mahesh Dadoda 09/19/2022

Quant Time: Sep 19 02:54:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration

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

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

