

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074481.D
 Acq On : 16 Sep 2022 00:03
 Operator : JC\MD
 Sample : VN0915WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

Quant Time: Sep 16 01:48:18 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)

Internal Standards						
1) Pentafluorobenzene	8.016	168	301791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	590212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	522919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	219278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	256312	50.055	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.100%			
35) Dibromofluoromethane	7.951	113	187426	47.805	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.600%			
50) Toluene-d8	10.381	98	734912	48.468	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.940%			
62) 4-Bromofluorobenzene	12.675	95	246383	47.444	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	60930	18.551	ug/l	96
3) Chloromethane	2.263	50	120006	21.868	ug/l	95
4) Vinyl Chloride	2.405	62	127858	21.627	ug/l	98
5) Bromomethane	2.787	94	78834	25.285	ug/l	93
6) Chloroethane	2.963	64	94007	23.279	ug/l	92
7) Trichlorofluoromethane	3.310	101	125483	19.220	ug/l	94
8) Diethyl Ether	3.763	74	63381	19.037	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.146	101	78707	19.486	ug/l	91
10) Methyl Iodide	4.352	142	92470	19.407	ug/l	96
11) Tert butyl alcohol	5.287	59	176327	105.708	ug/l	98
12) 1,1-Dichloroethene	4.110	96	78923	20.251	ug/l	88
13) Acrolein	3.981	56	57270	94.015	ug/l	93
14) Allyl chloride	4.757	41	181368	19.110	ug/l	94
15) Acrylonitrile	5.475	53	395901	105.645	ug/l	99
16) Acetone	4.216	43	333462	101.768	ug/l	98
17) Carbon Disulfide	4.452	76	205666	18.870	ug/l	100
18) Methyl Acetate	4.769	43	203081	19.954	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	323453	19.309	ug/l	98
20) Methylene Chloride	5.004	84	101663	20.341	ug/l #	84
21) trans-1,2-Dichloroethene	5.504	96	84776	19.681	ug/l	95
22) Diisopropyl ether	6.410	45	388343	20.377	ug/l	95
23) Vinyl Acetate	6.351	43	1764927	104.997	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	187684	19.702	ug/l	98
25) 2-Butanone	7.257	43	592713	108.949	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	125086	15.230	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	105776	18.929	ug/l	93
28) Bromochloromethane	7.581	49	55191	19.658	ug/l #	69
29) Tetrahydrofuran	7.610	42	381967	106.787	ug/l #	85
30) Chloroform	7.751	83	178066	20.252	ug/l	88
31) Cyclohexane	8.028	56	175361	19.294	ug/l	87
32) 1,1,1-Trichloroethane	7.940	97	147354	19.108	ug/l	96
36) 1,1-Dichloropropene	8.151	75	125532	18.089	ug/l	97
37) Ethyl Acetate	7.334	43	217905	20.332	ug/l #	94
38) Carbon Tetrachloride	8.128	117	116363	18.161	ug/l	90
39) Methylcyclohexane	9.392	83	155345	18.825	ug/l	92
40) Benzene	8.387	78	421854	19.658	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074481.D
 Acq On : 16 Sep 2022 00:03
 Operator : JC\MD
 Sample : VN0915WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

Quant Time: Sep 16 01:48:18 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	7.563	41	112338	21.681	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	142788	19.389	ug/l	98
43) Isopropyl Acetate	8.492	43	340160	20.263	ug/l #	91
44) Trichloroethene	9.157	130	87565	18.857	ug/l	100
45) 1,2-Dichloropropane	9.428	63	117241	19.879	ug/l	93
46) Dibromomethane	9.510	93	68681	18.594	ug/l #	84
47) Bromodichloromethane	9.698	83	139342	19.242	ug/l #	98
48) Methyl methacrylate	9.498	41	142534	19.148	ug/l	86
49) 1,4-Dioxane	9.504	88	58438	408.343	ug/l #	85
51) 4-Methyl-2-Pentanone	10.269	43	1152159	105.100	ug/l	89
52) Toluene	10.445	92	247449	19.664	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	152191	18.032	ug/l	96
54) cis-1,3-Dichloropropene	10.128	75	164338	18.195	ug/l #	82
55) 1,1,2-Trichloroethane	10.839	97	103882	19.489	ug/l	94
56) Ethyl methacrylate	10.704	69	190612	20.019	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	188064	20.123	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.981	63	380930	90.907	ug/l #	88
59) 2-Hexanone	11.028	43	887087	106.001	ug/l	88
60) Dibromochloromethane	11.175	129	99078	19.417	ug/l	97
61) 1,2-Dibromoethane	11.286	107	99711	19.256	ug/l	100
64) Tetrachloroethene	10.916	164	65122	18.147	ug/l	91
65) Chlorobenzene	11.710	112	243479	18.547	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	85533	17.933	ug/l	93
67) Ethyl Benzene	11.786	91	468592	19.442	ug/l	97
68) m/p-Xylenes	11.892	106	350525	39.335	ug/l	97
69) o-Xylene	12.222	106	176938	19.474	ug/l	96
70) Styrene	12.239	104	286620	18.964	ug/l	99
71) Bromoform	12.398	173	65547	18.698	ug/l #	100
73) Isopropylbenzene	12.522	105	448940	19.995	ug/l	99
74) N-amyl acetate	12.333	43	295425	21.044	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.769	83	178114	19.796	ug/l	99
76) 1,2,3-Trichloropropane	12.827	75	141016m	20.893	ug/l	
77) Bromobenzene	12.798	156	95903	19.996	ug/l	75
78) n-propylbenzene	12.863	91	537030	20.083	ug/l	95
79) 2-Chlorotoluene	12.951	91	313678	19.650	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	366280	20.012	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	57833	18.493	ug/l	95
82) 4-Chlorotoluene	13.045	91	293895	19.369	ug/l	98
83) tert-Butylbenzene	13.269	119	327748	19.676	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	362769	19.695	ug/l	99
85) sec-Butylbenzene	13.445	105	452406	19.780	ug/l	96
86) p-Isopropyltoluene	13.557	119	354786	19.897	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	165532	18.781	ug/l	99
88) 1,4-Dichlorobenzene	13.639	146	175122	19.770	ug/l	98
89) n-Butylbenzene	13.886	91	297944	18.539	ug/l	95
90) Hexachloroethane	14.151	117	71208	18.354	ug/l	74
91) 1,2-Dichlorobenzene	13.927	146	178605	19.534	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	36997	18.621	ug/l	80
93) 1,2,4-Trichlorobenzene	15.198	180	81963	18.816	ug/l	99
94) Hexachlorobutadiene	15.304	225	35209	18.391	ug/l	93
95) Naphthalene	15.439	128	353024	19.800	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	84298	19.512	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
Data File : VN074481.D
Acq On : 16 Sep 2022 00:03
Operator : JC\MD
Sample : VN0915WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

Quant Time: Sep 16 01:48:18 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

