

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073941.D
 Acq On : 16 Aug 2022 11:56
 Operator : JC\MD
 Sample : VN0816WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

Quant Time: Aug 17 01:10:07 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2022
 Supervised By : Mahesh Dadoda 08/17/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	553290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	825802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	736968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	360704	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	303246	56.271	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.540%	
35) Dibromofluoromethane	7.951	113	269475	55.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.360%	
50) Toluene-d8	10.380	98	1012973	53.556	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.120%	
62) 4-Bromofluorobenzene	12.674	95	335127	53.387	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.780%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	88253	20.116	ug/l	98
3) Chloromethane	2.269	50	97788	20.044	ug/l	98
4) Vinyl Chloride	2.404	62	122759	19.601	ug/l	99
5) Bromomethane	2.804	94	76168	19.475	ug/l	98
6) Chloroethane	2.969	64	82169	18.571	ug/l	98
7) Trichlorofluoromethane	3.316	101	158058	19.564	ug/l	98
8) Diethyl Ether	3.769	74	58053	19.357	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.145	101	90335	19.248	ug/l	93
10) Methyl Iodide	4.351	142	104540	18.553	ug/l	98
11) Tert butyl alcohol	5.287	59	121360	100.677	ug/l	100
12) 1,1-Dichloroethene	4.116	96	85331	19.541	ug/l	92
13) Acrolein	3.987	56	110980	131.531	ug/l	99
14) Allyl chloride	4.763	41	128102	19.808	ug/l	99
15) Acrylonitrile	5.475	53	305553	103.824	ug/l	100
16) Acetone	4.222	43	255218	100.382	ug/l	98
17) Carbon Disulfide	4.463	76	191342	18.428	ug/l	100
18) Methyl Acetate	4.775	43	147532	21.782	ug/l	97
19) Methyl tert-butyl Ether	5.534	73	309837	19.701	ug/l	99
20) Methylene Chloride	5.022	84	104001	19.385	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	90196	18.748	ug/l	92
22) Diisopropyl ether	6.416	45	278683	20.324	ug/l	95
23) Vinyl Acetate	6.351	43	1201321	102.235	ug/l	98
24) 1,1-Dichloroethane	6.304	63	169824	19.897	ug/l	96
25) 2-Butanone	7.257	43	418966	103.927	ug/l	100
26) 2,2-Dichloropropane	7.245	77	150635	18.785	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	115781	19.506	ug/l	94
28) Bromochloromethane	7.586	49	63732	20.245	ug/l	84
29) Tetrahydrofuran	7.610	42	271158	104.855	ug/l	96
30) Chloroform	7.745	83	187321	19.627	ug/l	97
31) Cyclohexane	8.022	56	147661	19.655	ug/l	97
32) 1,1,1-Trichloroethane	7.945	97	167799	19.826	ug/l	95
36) 1,1-Dichloropropene	8.151	75	127684	18.823	ug/l	98
37) Ethyl Acetate	7.339	43	158923	19.339	ug/l	98
38) Carbon Tetrachloride	8.133	117	143213	18.471	ug/l	99
39) Methylcyclohexane	9.398	83	156977	18.469	ug/l	94
40) Benzene	8.392	78	404977	18.916	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073941.D
 Acq On : 16 Aug 2022 11:56
 Operator : JC\MD
 Sample : VN0816WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2022
 Supervised By : Mahesh Dadoda 08/17/2022

Quant Time: Aug 17 01:10:07 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)
41) Methacrylonitrile	7.563	41	65617	17.668	ug/l	93
42) 1,2-Dichloroethane	8.463	62	144310	19.604	ug/l	99
43) Isopropyl Acetate	8.492	43	227145	19.402	ug/l	98
44) Trichloroethene	9.151	130	113281	18.320	ug/l	91
45) 1,2-Dichloropropane	9.427	63	100561	19.597	ug/l	98
46) Dibromomethane	9.516	93	75388	19.323	ug/l	93
47) Bromodichloromethane	9.704	83	142229	19.074	ug/l	100
48) Methyl methacrylate	9.498	41	100016	19.966	ug/l	92
49) 1,4-Dioxane	9.504	88	57828	388.196	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	807295	101.993	ug/l	100
52) Toluene	10.445	92	269153	18.334	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	148135	18.931	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	160230	18.715	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	111076	19.451	ug/l	98
56) Ethyl methacrylate	10.704	69	164125	20.151	ug/l	98
57) 1,3-Dichloropropane	10.986	76	180555	19.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	398071	104.718	ug/l	96
59) 2-Hexanone	11.027	43	624294	102.485	ug/l	100
60) Dibromochloromethane	11.180	129	117817	18.656	ug/l	99
61) 1,2-Dibromoethane	11.286	107	113243	18.540	ug/l	99
64) Tetrachloroethene	10.916	164	103910	17.864	ug/l	94
65) Chlorobenzene	11.710	112	295788	18.885	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	112558	18.978	ug/l	99
67) Ethyl Benzene	11.786	91	486952	18.695	ug/l	98
68) m/p-Xylenes	11.892	106	395255	37.347	ug/l	98
69) o-Xylene	12.221	106	195553	18.426	ug/l	97
70) Styrene	12.233	104	312303	18.796	ug/l	97
71) Bromoform	12.398	173	95544	18.043	ug/l #	100
73) Isopropylbenzene	12.521	105	501967	19.111	ug/l	98
74) N-amyl acetate	12.327	43	183417	18.472	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	174812	19.834	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	127127m	16.957	ug/l	
77) Bromobenzene	12.804	156	133288	18.748	ug/l	91
78) n-propylbenzene	12.863	91	537257	19.189	ug/l	98
79) 2-Chlorotoluene	12.945	91	332021	19.030	ug/l	95
80) 1,3,5-Trimethylbenzene	12.998	105	425397	19.912	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	48756	18.496	ug/l	98
82) 4-Chlorotoluene	13.045	91	319471	19.279	ug/l	94
83) tert-Butylbenzene	13.262	119	376089	19.130	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	420219	19.697	ug/l	99
85) sec-Butylbenzene	13.439	105	507447	19.913	ug/l	97
86) p-Isopropyltoluene	13.557	119	422671	19.469	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	232060	18.822	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	230248	18.427	ug/l	99
89) n-Butylbenzene	13.880	91	314897	18.313	ug/l	99
90) Hexachloroethane	14.151	117	72676	18.314	ug/l	87
91) 1,2-Dichlorobenzene	13.927	146	241751	18.988	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	37005	17.782	ug/l	83
93) 1,2,4-Trichlorobenzene	15.198	180	140230	18.097	ug/l	100
94) Hexachlorobutadiene	15.304	225	76475	18.722	ug/l	97
95) Naphthalene	15.433	128	471448	18.662	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	149506	18.666	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
Data File : VN073941.D
Acq On : 16 Aug 2022 11:56
Operator : JC\MD
Sample : VN0816WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

Quant Time: Aug 17 01:10:07 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)
----------	------	------	----------	------	-------	----------

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

