

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072973.D
 Acq On : 21 Jun 2022 10:52
 Operator : JC\MD
 Sample : VN0621WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 06:58:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	266434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	482406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	407818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	175940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	202064	56.096	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.200%			
35) Dibromofluoromethane	7.945	113	158754	53.243	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.480%			
50) Toluene-d8	10.375	98	537089	48.408	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.820%			
62) 4-Bromofluorobenzene	12.663	95	190871	47.842	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	49526	19.523	ug/l	98
3) Chloromethane	2.269	50	51095	19.093	ug/l	100
4) Vinyl Chloride	2.411	62	45213	19.874	ug/l	95
5) Bromomethane	2.810	94	18174	20.294	ug/l	96
6) Chloroethane	2.975	64	28419	19.967	ug/l	96
7) Trichlorofluoromethane	3.322	101	81880	22.101	ug/l	98
8) Diethyl Ether	3.769	74	42427	22.190	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.152	101	45582	17.799	ug/l	98
10) Methyl Iodide	4.352	142	42749	14.564	ug/l	96
11) Tert butyl alcohol	5.287	59	84844	91.184	ug/l	99
12) 1,1-Dichloroethene	4.122	96	47242	18.520	ug/l	99
13) Acrolein	3.987	56	33081	90.272	ug/l	95
14) Allyl chloride	4.763	41	99016	18.168	ug/l #	93
15) Acrylonitrile	5.475	53	221408	103.223	ug/l	99
16) Acetone	4.228	43	200237	101.127	ug/l	94
17) Carbon Disulfide	4.457	76	102640	15.704	ug/l	98
18) Methyl Acetate	4.775	43	114591	21.733	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	214131	22.351	ug/l	99
20) Methylene Chloride	5.016	84	65824	21.294	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	51771	18.658	ug/l	96
22) Diisopropyl ether	6.410	45	224262	22.073	ug/l	95
23) Vinyl Acetate	6.351	43	997994	106.409	ug/l	94
24) 1,1-Dichloroethane	6.304	63	113884	21.380	ug/l	99
25) 2-Butanone	7.257	43	309767	98.587	ug/l	91
26) 2,2-Dichloropropane	7.245	77	46478	10.049	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	68556	20.680	ug/l	96
28) Bromochloromethane	7.581	49	48762	22.135	ug/l	92
29) Tetrahydrofuran	7.610	42	209536	100.987	ug/l	89
30) Chloroform	7.740	83	117329	21.758	ug/l	94
31) Cyclohexane	8.022	56	81669	16.761	ug/l	92
32) 1,1,1-Trichloroethane	7.940	97	93120	19.679	ug/l	97
36) 1,1-Dichloropropene	8.151	75	69434	17.210	ug/l	99
37) Ethyl Acetate	7.334	43	130712	20.255	ug/l #	93
38) Carbon Tetrachloride	8.134	117	74294	17.506	ug/l	98
39) Methylcyclohexane	9.392	83	72475	14.903	ug/l	95
40) Benzene	8.392	78	245976	19.399	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072973.D
 Acq On : 21 Jun 2022 10:52
 Operator : JC\MD
 Sample : VN0621WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 06:58:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	61878	20.220	ug/l #	87
42) 1,2-Dichloroethane	8.457	62	95944	21.304	ug/l	99
43) Isopropyl Acetate	8.492	43	186636	20.232	ug/l	94
44) Trichloroethene	9.145	130	58556	18.223	ug/l	97
45) 1,2-Dichloropropane	9.422	63	66177	20.418	ug/l	93
46) Dibromomethane	9.510	93	44440	20.278	ug/l	94
47) Bromodichloromethane	9.692	83	91338	20.971	ug/l	97
48) Methyl methacrylate	9.492	41	88729	21.067	ug/l	91
49) 1,4-Dioxane	9.498	88	32746	345.546	ug/l #	90
51) 4-Methyl-2-Pentanone	10.263	43	605920	100.726	ug/l	92
52) Toluene	10.439	92	145836	18.734	ug/l	100
53) t-1,3-Dichloropropene	10.651	75	86246	18.413	ug/l	97
54) cis-1,3-Dichloropropene	10.122	75	92287	18.038	ug/l #	86
55) 1,1,2-Trichloroethane	10.833	97	66370	19.417	ug/l	97
56) Ethyl methacrylate	10.698	69	111778	20.402	ug/l	89
57) 1,3-Dichloropropane	10.981	76	113629	20.038	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	246656	101.975	ug/l	97
59) 2-Hexanone	11.022	43	452705	97.300	ug/l	89
60) Dibromochloromethane	11.175	129	68237	21.123	ug/l	99
61) 1,2-Dibromoethane	11.281	107	69906	20.746	ug/l	100
64) Tetrachloroethene	10.910	164	44298	17.855	ug/l	96
65) Chlorobenzene	11.704	112	150954	18.953	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.775	131	61752	20.371	ug/l	100
67) Ethyl Benzene	11.780	91	265353	18.926	ug/l	100
68) m/p-Xylenes	11.886	106	201315	36.609	ug/l	98
69) o-Xylene	12.216	106	105764	19.248	ug/l	100
70) Styrene	12.228	104	169617	19.222	ug/l	99
71) Bromoform	12.392	173	46889	20.515	ug/l #	100
73) Isopropylbenzene	12.516	105	256123	18.817	ug/l	100
74) N-amyl acetate	12.322	43	141732	20.066	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	103495	21.113	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	76862m	18.019	ug/l	
77) Bromobenzene	12.792	156	64223	19.696	ug/l	92
78) n-propylbenzene	12.857	91	278525	18.604	ug/l	100
79) 2-Chlorotoluene	12.939	91	183395	18.917	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	213690	19.113	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	25368	16.061	ug/l	95
82) 4-Chlorotoluene	13.039	91	172829	18.842	ug/l	98
83) tert-Butylbenzene	13.257	119	188383	18.398	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	219033	19.669	ug/l	97
85) sec-Butylbenzene	13.433	105	246381	18.037	ug/l	99
86) p-Isopropyltoluene	13.551	119	203166	18.371	ug/l	98
87) 1,3-Dichlorobenzene	13.545	146	110083	18.910	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	111726	18.962	ug/l	98
89) n-Butylbenzene	13.874	91	150010	16.612	ug/l	100
90) Hexachloroethane	14.145	117	39635	19.011	ug/l	89
91) 1,2-Dichlorobenzene	13.922	146	117866	19.414	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.533	75	25001	20.175	ug/l	91
93) 1,2,4-Trichlorobenzene	15.186	180	58114	17.296	ug/l	99
94) Hexachlorobutadiene	15.292	225	23391	15.998	ug/l	96
95) Naphthalene	15.427	128	246115	18.108	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	62177	17.330	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
Data File : VN072973.D
Acq On : 21 Jun 2022 10:52
Operator : JC\MD
Sample : VN0621WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 06/22/2022
Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 06:58:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

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

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

