

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069468.D
 Acq On : 12 Nov 2021 15:14
 Operator : JC/MD
 Sample : VN1112WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 03:26:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1145195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1942236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1769102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	726744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	831584	50.081	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.160%			
35) Dibromofluoromethane	8.024	113	576942	49.528	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.060%			
50) Toluene-d8	10.443	98	2333279	50.929	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.860%			
62) 4-Bromofluorobenzene	12.733	95	783770	46.569	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	227375	18.584	ug/l	98
3) Chloromethane	2.303	50	250889	17.682	ug/l	100
4) Vinyl Chloride	2.445	62	250903	17.660	ug/l	99
5) Bromomethane	2.856	94	159052	17.238	ug/l	99
6) Chloroethane	3.019	64	163013	16.999	ug/l	98
7) Trichlorofluoromethane	3.376	101	381588	17.379	ug/l	97
8) Diethyl Ether	3.827	74	128377	18.071	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.210	101	183842	17.774	ug/l	94
10) Methyl Iodide	4.417	142	212016	16.712	ug/l	97
11) Tert butyl alcohol	5.390	59	250205	83.622	ug/l	99
12) 1,1-Dichloroethene	4.178	96	164613	17.735	ug/l	91
13) Acrolein	4.038	56	32296	71.502	ug/l	98
14) Allyl chloride	4.840	41	353286	17.216	ug/l	95
15) Acrylonitrile	5.559	53	739190	96.471	ug/l	99
16) Acetone	4.293	43	758210	84.632	ug/l	96
17) Carbon Disulfide	4.527	76	304807	13.893	ug/l	98
18) Methyl Acetate	4.859	43	527219	18.103	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	729499	18.571	ug/l	98
20) Methylene Chloride	5.092	84	218767	17.220	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	181964	17.552	ug/l	90
22) Diisopropyl ether	6.498	45	830692	18.792	ug/l	96
23) Vinyl Acetate	6.439	43	3142876	91.925	ug/l	95
24) 1,1-Dichloroethane	6.388	63	411776	18.289	ug/l	99
25) 2-Butanone	7.343	43	1116131	92.005	ug/l	91
26) 2,2-Dichloropropane	7.327	77	293774	16.676	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	237385	18.471	ug/l	89
28) Bromochloromethane	7.659	49	217568	18.869	ug/l #	81
29) Tetrahydrofuran	7.691	42	726805	97.629	ug/l	90
30) Chloroform	7.820	83	428162	18.549	ug/l	99
31) Cyclohexane	8.096	56	392092	17.284	ug/l	91
32) 1,1,1-Trichloroethane	8.018	97	344831	17.897	ug/l	96
36) 1,1-Dichloropropene	8.222	75	288423	17.648	ug/l	97
37) Ethyl Acetate	7.418	43	444871	20.137	ug/l #	94
38) Carbon Tetrachloride	8.209	117	269143	17.058	ug/l	98
39) Methylcyclohexane	9.461	83	348513	17.143	ug/l	92
40) Benzene	8.461	78	933601	18.508	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
 Data File : VN069468.D
 Acq On : 12 Nov 2021 15:14
 Operator : JC/MD
 Sample : VN1112WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 03:26:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	213717	18.722	ug/l	90
42) 1,2-Dichloroethane	8.533	62	366622	18.561	ug/l	98
43) Isopropyl Acetate	8.566	43	664716	18.733	ug/l	94
44) Trichloroethene	9.217	130	221190	18.321	ug/l	93
45) 1,2-Dichloropropane	9.494	63	254485	18.882	ug/l	98
46) Dibromomethane	9.579	93	165565	18.341	ug/l	91
47) Bromodichloromethane	9.764	83	297131	17.639	ug/l	98
48) Methyl methacrylate	9.561	41	302342	18.110	ug/l	89
49) 1,4-Dioxane	9.571	88	109206	356.246	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	2269214	99.075	ug/l	95
52) Toluene	10.507	92	586698	18.669	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	306945	16.676	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	339254	16.738	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	245838	19.406	ug/l	98
56) Ethyl methacrylate	10.762	69	395210	17.928	ug/l #	86
57) 1,3-Dichloropropane	11.046	76	421870	18.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	465594	91.710	ug/l	93
59) 2-Hexanone	11.087	43	1631692	89.635	ug/l	94
60) Dibromochloromethane	11.240	129	204530	16.416	ug/l	99
61) 1,2-Dibromoethane	11.347	107	246461	18.128	ug/l	98
64) Tetrachloroethene	10.979	164	206180	19.302	ug/l	97
65) Chlorobenzene	11.771	112	633045	19.225	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	218961	19.171	ug/l	98
67) Ethyl Benzene	11.846	91	1168029	19.233	ug/l	95
68) m/p-Xylenes	11.956	106	852328	38.159	ug/l	93
69) o-Xylene	12.283	106	435112	19.540	ug/l	94
70) Styrene	12.296	104	700997	18.520	ug/l	97
71) Bromoform	12.460	173	140885	16.660	ug/l #	98
73) Isopropylbenzene	12.581	105	1140721	19.714	ug/l	100
74) N-amyl acetate	12.390	43	473456	19.307	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	392790	20.127	ug/l	97
76) 1,2,3-Trichloropropane	12.884	75	321451m	19.166	ug/l	
77) Bromobenzene	12.862	156	261887	19.790	ug/l	82
78) n-propylbenzene	12.921	91	1274757	19.579	ug/l	96
79) 2-Chlorotoluene	13.010	91	788702	19.564	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	919795	19.663	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.629	75	75563	17.646	ug/l #	81
82) 4-Chlorotoluene	13.106	91	737136	19.181	ug/l	94
83) tert-Butylbenzene	13.326	119	851329	20.768	ug/l	96
84) 1,2,4-Trimethylbenzene	13.369	105	891147	19.733	ug/l	98
85) sec-Butylbenzene	13.503	105	1126360	19.670	ug/l	97
86) p-Isopropyltoluene	13.618	119	910853	20.037	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	431551	18.809	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	419342	18.631	ug/l	95
89) n-Butylbenzene	13.943	91	720628	19.010	ug/l	98
90) Hexachloroethane	14.211	117	125450	16.527	ug/l	86
91) 1,2-Dichlorobenzene	13.991	146	432317	19.802	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	63531	18.677	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	203912	19.829	ug/l	96
94) Hexachlorobutadiene	15.370	225	115133	20.296	ug/l	98
95) Naphthalene	15.507	128	649404	22.788	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	208845	21.051	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111221\
Data File : VN069468.D
Acq On : 12 Nov 2021 15:14
Operator : JC/MD
Sample : VN1112WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 15 03:26:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

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

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

