

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083848.D
 Acq On : 13 Sep 2024 03:01
 Operator : JC\MD
 Sample : VN0912WBS04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS04

Quant Time: Sep 13 03:37:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119777	54.627	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.260%			
35) Dibromofluoromethane	8.165	113	83174	50.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.920%			
50) Toluene-d8	10.565	98	300634	52.757	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.520%			
62) 4-Bromofluorobenzene	12.847	95	118770	50.518	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	30961	18.333	ug/l	99
3) Chloromethane	2.359	50	32835	17.853	ug/l	99
4) Vinyl Chloride	2.512	62	34809	18.805	ug/l	96
5) Bromomethane	2.900	94	20051	18.866	ug/l	98
6) Chloroethane	3.065	64	23800	18.330	ug/l	99
7) Trichlorofluoromethane	3.465	101	59084	18.804	ug/l	96
8) Diethyl Ether	3.959	74	20741	19.692	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	31503	18.916	ug/l	98
10) Methyl Iodide	4.583	142	40125	18.944	ug/l	99
11) Tert butyl alcohol	5.541	59	30088	102.474	ug/l	98
12) 1,1-Dichloroethene	4.330	96	29529	18.775	ug/l	95
13) Acrolein	4.177	56	30371	104.835	ug/l	97
14) Allyl chloride	5.012	41	51956	18.539	ug/l	95
15) Acrylonitrile	5.718	53	78804	98.691	ug/l	99
16) Acetone	4.430	43	69799	79.409	ug/l	98
17) Carbon Disulfide	4.694	76	74780	16.997	ug/l	97
18) Methyl Acetate	5.018	43	42741	22.310	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	111676	19.622	ug/l	99
20) Methylene Chloride	5.265	84	33486	18.617	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	30161	17.894	ug/l	86
22) Diisopropyl ether	6.665	45	113978	19.757	ug/l	96
23) Vinyl Acetate	6.600	43	408284	96.639	ug/l	100
24) 1,1-Dichloroethane	6.565	63	63248	19.029	ug/l	98
25) 2-Butanone	7.483	43	106260	91.978	ug/l	98
26) 2,2-Dichloropropane	7.488	77	42758	13.969	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	38878	19.430	ug/l	97
28) Bromochloromethane	7.812	49	29213	20.871	ug/l	95
29) Tetrahydrofuran	7.841	42	68599	100.422	ug/l	98
30) Chloroform	7.965	83	67556	19.145	ug/l	98
31) Cyclohexane	8.253	56	55136	17.399	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	62513	19.267	ug/l	98
36) 1,1-Dichloropropene	8.365	75	44393	17.893	ug/l	99
37) Ethyl Acetate	7.559	43	46510	20.652	ug/l	96
38) Carbon Tetrachloride	8.359	117	52586	18.683	ug/l	98
39) Methylcyclohexane	9.600	83	48928	17.326	ug/l	99
40) Benzene	8.600	78	138230	18.511	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083848.D
 Acq On : 13 Sep 2024 03:01
 Operator : JC\MD
 Sample : VN0912WBS04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS04

Quant Time: Sep 13 03:37:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25337	19.022	ug/l	99
42) 1,2-Dichloroethane	8.671	62	54081	19.381	ug/l	100
43) Isopropyl Acetate	8.688	43	96024	23.530	ug/l	95
44) Trichloroethene	9.353	130	32182	18.610	ug/l	88
45) 1,2-Dichloropropane	9.618	63	34239	18.970	ug/l	100
46) Dibromomethane	9.712	93	24697	19.536	ug/l	97
47) Bromodichloromethane	9.888	83	51616	18.866	ug/l	96
48) Methyl methacrylate	9.682	41	38129	19.693	ug/l	96
49) 1,4-Dioxane	9.694	88	12712	399.103	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	226081	101.770	ug/l	97
52) Toluene	10.629	92	86668	18.974	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	48789	17.593	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	52246	17.935	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	32327	18.957	ug/l	98
56) Ethyl methacrylate	10.871	69	51422	19.600	ug/l	92
57) 1,3-Dichloropropane	11.165	76	57170	19.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	113614	120.182	ug/l	100
59) 2-Hexanone	11.194	43	161774	98.445	ug/l	99
60) Dibromochloromethane	11.359	129	36981	19.378	ug/l	95
61) 1,2-Dibromoethane	11.470	107	31977	18.803	ug/l	99
64) Tetrachloroethene	11.100	164	27213	18.271	ug/l	90
65) Chlorobenzene	11.888	112	89787	18.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	32414	18.784	ug/l	99
67) Ethyl Benzene	11.965	91	163364	18.475	ug/l	100
68) m/p-Xylenes	12.070	106	121721	37.077	ug/l	98
69) o-Xylene	12.400	106	59749	18.800	ug/l	100
70) Styrene	12.412	104	99281	19.035	ug/l	99
71) Bromoform	12.576	173	22716	19.535	ug/l #	100
73) Isopropylbenzene	12.694	105	154258	18.548	ug/l	100
74) N-amyl acetate	12.494	43	71078	20.032	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	46607	19.074	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	45893m	21.158	ug/l	
77) Bromobenzene	12.982	156	35887	17.927	ug/l	100
78) n-propylbenzene	13.035	91	170896	17.661	ug/l	99
79) 2-Chlorotoluene	13.123	91	111209	18.021	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	125996	17.970	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	14113	17.041	ug/l	95
82) 4-Chlorotoluene	13.217	91	112104	18.102	ug/l	100
83) tert-Butylbenzene	13.435	119	111264	18.138	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	126634	17.980	ug/l	99
85) sec-Butylbenzene	13.617	105	146672	18.029	ug/l	99
86) p-Isopropyltoluene	13.729	119	121381	17.798	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	66853	17.695	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	66943	17.499	ug/l	99
89) n-Butylbenzene	14.053	91	100555	16.422	ug/l	99
90) Hexachloroethane	14.329	117	23680	17.273	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	65918	18.079	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9978	20.484	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	32596	16.659	ug/l	99
94) Hexachlorobutadiene	15.500	225	13785	16.590	ug/l	96
95) Naphthalene	15.641	128	110332	18.535	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	31375	16.779	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
Data File : VN083848.D
Acq On : 13 Sep 2024 03:01
Operator : JC\MD
Sample : VN0912WBS04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS04

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024

Quant Time: Sep 13 03:37:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

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

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

