

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081111.D
 Acq On : 21 Feb 2024 11:26
 Operator : JC\MD
 Sample : VN0221WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

Quant Time: Feb 22 04:43:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/22/2024
 Supervised By :Semsettin Yesilyurt 02/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	368604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	670120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	587855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	270210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	205455	45.474	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.940%		
35) Dibromofluoromethane	8.165	113	176951	46.697	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.400%		
50) Toluene-d8	10.565	98	615418	45.727	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.460%		
62) 4-Bromofluorobenzene	12.847	95	231522	45.781	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	96051	20.150	ug/l	100
3) Chloromethane	2.359	50	91809	16.870	ug/l	95
4) Vinyl Chloride	2.518	62	97653	18.443	ug/l	90
5) Bromomethane	2.965	94	71017	18.883	ug/l	89
6) Chloroethane	3.124	64	63939	18.115	ug/l	90
7) Trichlorofluoromethane	3.506	101	151992	19.649	ug/l	94
8) Diethyl Ether	3.959	74	54777	19.369	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.377	101	85365	19.796	ug/l	93
10) Methyl Iodide	4.589	142	87923	18.266	ug/l	95
11) Tert butyl alcohol	5.506	59	70150	84.428	ug/l #	91
12) 1,1-Dichloroethene	4.347	96	80844	19.394	ug/l	88
13) Acrolein	4.177	56	73769	165.647	ug/l	97
14) Allyl chloride	5.024	41	115220	18.629	ug/l #	93
15) Acrylonitrile	5.712	53	195691	90.180	ug/l	96
16) Acetone	4.424	43	117086	65.862	ug/l	97
17) Carbon Disulfide	4.712	76	202593	17.425	ug/l #	93
18) Methyl Acetate	5.018	43	87383	20.149	ug/l #	89
19) Methyl tert-butyl Ether	5.788	73	279138	19.552	ug/l	95
20) Methylene Chloride	5.271	84	92689	19.589	ug/l	87
21) trans-1,2-Dichloroethene	5.783	96	84967	18.270	ug/l	87
22) Diisopropyl ether	6.671	45	280752	20.011	ug/l #	94
23) Vinyl Acetate	6.600	43	1088169m	95.594	ug/l	
24) 1,1-Dichloroethane	6.565	63	163972	20.212	ug/l	96
25) 2-Butanone	7.482	43	230913	80.401	ug/l	92
26) 2,2-Dichloropropane	7.488	77	149792	19.706	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	104751	19.386	ug/l	87
28) Bromochloromethane	7.818	49	71855	21.365	ug/l #	69
29) Tetrahydrofuran	7.835	42	169287	88.299	ug/l #	89
30) Chloroform	7.965	83	172787	20.035	ug/l	95
31) Cyclohexane	8.253	56	148099	18.984	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	153049	19.486	ug/l #	88
36) 1,1-Dichloropropene	8.371	75	129515	19.950	ug/l	97
37) Ethyl Acetate	7.559	43	105244	17.963	ug/l	95
38) Carbon Tetrachloride	8.359	117	132073	20.108	ug/l	94
39) Methylcyclohexane	9.600	83	146225	19.322	ug/l #	89
40) Benzene	8.606	78	370626	19.724	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
 Data File : VN081111.D
 Acq On : 21 Feb 2024 11:26
 Operator : JC\MD
 Sample : VN0221WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0221WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2024
 Supervised By : Semsettin Yesilyurt 02/22/2024

Quant Time: Feb 22 04:43:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	63863	19.152	ug/l	97
42) 1,2-Dichloroethane	8.671	62	127544	19.455	ug/l	98
43) Isopropyl Acetate	8.682	43	202800	19.791	ug/l	97
44) Trichloroethene	9.353	130	93645	18.711	ug/l	99
45) 1,2-Dichloropropane	9.624	63	95600	20.339	ug/l	97
46) Dibromomethane	9.706	93	66938	19.545	ug/l	91
47) Bromodichloromethane	9.888	83	128099	19.749	ug/l #	95
48) Methyl methacrylate	9.682	41	88940	18.653	ug/l	95
49) 1,4-Dioxane	9.694	88	32788	347.642	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	548577	93.064	ug/l	95
52) Toluene	10.629	92	236167	19.853	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	141601	19.645	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	158917	20.406	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	90897	19.866	ug/l	95
56) Ethyl methacrylate	10.876	69	131501	18.805	ug/l	88
57) 1,3-Dichloropropane	11.165	76	157695	19.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	279396	79.633	ug/l #	87
59) 2-Hexanone	11.194	43	385922	82.581	ug/l	95
60) Dibromochloromethane	11.359	129	95611	19.670	ug/l	97
61) 1,2-Dibromoethane	11.470	107	91551	19.028	ug/l	97
64) Tetrachloroethene	11.106	164	82384	20.534	ug/l	86
65) Chlorobenzene	11.894	112	249794	19.633	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	90621	19.830	ug/l	98
67) Ethyl Benzene	11.965	91	442833	19.451	ug/l	99
68) m/p-Xylenes	12.070	106	338951	38.842	ug/l	97
69) o-Xylene	12.400	106	170345	19.693	ug/l	93
70) Styrene	12.412	104	271528	19.809	ug/l	96
71) Bromoform	12.582	173	57910	19.974	ug/l #	95
73) Isopropylbenzene	12.694	105	439330	18.583	ug/l	99
74) N-amyl acetate	12.494	43	168374	16.851	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	118615	17.843	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	107445m	17.501	ug/l	
77) Bromobenzene	12.982	156	97315	18.461	ug/l	74
78) n-propylbenzene	13.035	91	515611	18.945	ug/l	95
79) 2-Chlorotoluene	13.123	91	302589	18.126	ug/l	92
80) 1,3,5-Trimethylbenzene	13.170	105	370678	19.338	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	40373	16.926	ug/l #	79
82) 4-Chlorotoluene	13.223	91	302855	18.554	ug/l	93
83) tert-Butylbenzene	13.441	119	315418	19.030	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	374235	19.592	ug/l	95
85) sec-Butylbenzene	13.617	105	454306	19.716	ug/l	95
86) p-Isopropyltoluene	13.729	119	372696	19.473	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	187063	18.781	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	192159	19.634	ug/l	97
89) n-Butylbenzene	14.059	91	328225	19.685	ug/l	96
90) Hexachloroethane	14.335	117	62557	19.774	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	182951	19.045	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22589	16.343	ug/l	73
93) 1,2,4-Trichlorobenzene	15.394	180	98335	18.349	ug/l	97
94) Hexachlorobutadiene	15.500	225	36703	18.363	ug/l	96
95) Naphthalene	15.641	128	341626	17.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99737	18.760	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022124\
Data File : VN081111.D
Acq On : 21 Feb 2024 11:26
Operator : JC\MD
Sample : VN0221WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0221WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

Quant Time: Feb 22 04:43:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

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

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

Manual Integrations APPROVED

Reviewed By :John Carlone 02/22/2024
Supervised By :Semsettin Yesilyurt 02/22/2024

[illegible]