

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081922.D
 Acq On : 30 Apr 2024 11:21
 Operator : JC\MD
 Sample : VN0430MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2024
 Supervised By : Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 00:50:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	243423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	467468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	404596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	190393	46.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.680%		
35) Dibromofluoromethane	8.165	113	139445	49.544	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.080%		
50) Toluene-d8	10.571	98	574907	52.009	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.020%		
62) 4-Bromofluorobenzene	12.853	95	193536	44.290	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	88.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	53180	15.563	ug/l	100
3) Chloromethane	2.359	50	57732	16.195	ug/l	96
4) Vinyl Chloride	2.518	62	54754	16.968	ug/l	95
5) Bromomethane	2.959	94	26287	15.625	ug/l	97
6) Chloroethane	3.124	64	30653	18.795	ug/l #	86
7) Trichlorofluoromethane	3.501	101	80172	16.061	ug/l	93
8) Diethyl Ether	3.959	74	36406	17.169	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	53467	18.449	ug/l	95
10) Methyl Iodide	4.595	142	48916	19.271	ug/l	94
11) Tert butyl alcohol	5.524	59	57657	77.199	ug/l	98
12) 1,1-Dichloroethene	4.342	96	52308	17.742	ug/l	92
13) Acrolein	4.177	56	45383	72.703	ug/l	100
14) Allyl chloride	5.030	41	89310	14.321	ug/l	93
15) Acrylonitrile	5.712	53	150156	83.727	ug/l	96
16) Acetone	4.430	43	109078	86.203	ug/l	97
17) Carbon Disulfide	4.712	76	140164	15.817	ug/l	97
18) Methyl Acetate	5.024	43	68340	16.423	ug/l	91
19) Methyl tert-butyl Ether	5.800	73	189522	17.035	ug/l	95
20) Methylene Chloride	5.277	84	61007	17.328	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	52846	16.439	ug/l	94
22) Diisopropyl ether	6.671	45	203591	16.871	ug/l	97
23) Vinyl Acetate	6.600	43	801810m	81.774	ug/l	
24) 1,1-Dichloroethane	6.565	63	107724	17.150	ug/l	98
25) 2-Butanone	7.483	43	190913	81.874	ug/l	89
26) 2,2-Dichloropropane	7.489	77	93124	16.117	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	67411	17.946	ug/l	89
28) Bromochloromethane	7.812	49	50866	17.039	ug/l #	81
29) Tetrahydrofuran	7.841	42	126242	75.497	ug/l	93
30) Chloroform	7.965	83	104925	16.853	ug/l	97
31) Cyclohexane	8.259	56	103951	16.796	ug/l	87
32) 1,1,1-Trichloroethane	8.165	97	87311	15.725	ug/l	96
36) 1,1-Dichloropropene	8.365	75	77251	16.871	ug/l	95
37) Ethyl Acetate	7.559	43	79347	16.027	ug/l	99
38) Carbon Tetrachloride	8.365	117	70713	15.801	ug/l	98
39) Methylcyclohexane	9.606	83	96660	17.382	ug/l	92
40) Benzene	8.606	78	244844	17.812	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081922.D
 Acq On : 30 Apr 2024 11:21
 Operator : JC\MD
 Sample : VN0430MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0430MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/01/2024
 Supervised By :Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 00:50:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	46385	14.683	ug/l	91
42) 1,2-Dichloroethane	8.671	62	79580	15.591	ug/l	100
43) Isopropyl Acetate	8.688	43	149861	16.099	ug/l	94
44) Trichloroethene	9.353	130	55750	17.591	ug/l	97
45) 1,2-Dichloropropane	9.624	63	61764	17.169	ug/l	99
46) Dibromomethane	9.712	93	39416	15.852	ug/l	91
47) Bromodichloromethane	9.894	83	83194	15.865	ug/l	96
48) Methyl methacrylate	9.682	41	68950	15.516	ug/l	90
49) 1,4-Dioxane	9.694	88	23124	342.356	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	426790	81.442	ug/l	95
52) Toluene	10.630	92	145994	17.736	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	90781	15.911	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	100490	17.089	ug/l	91
55) 1,1,2-Trichloroethane	11.024	97	55888	17.263	ug/l	91
56) Ethyl methacrylate	10.877	69	101225	16.420	ug/l	91
57) 1,3-Dichloropropane	11.165	76	100644	17.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	234959	83.666	ug/l	91
59) 2-Hexanone	11.194	43	315004	80.772	ug/l	97
60) Dibromochloromethane	11.359	129	58309	17.005	ug/l	98
61) 1,2-Dibromoethane	11.471	107	54624	17.644	ug/l	98
64) Tetrachloroethene	11.106	164	45449	15.466	ug/l #	81
65) Chlorobenzene	11.894	112	156821	17.749	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	50439	17.565	ug/l	96
67) Ethyl Benzene	11.965	91	279637	17.018	ug/l	98
68) m/p-Xylenes	12.071	106	208023	35.492	ug/l	96
69) o-Xylene	12.400	106	101819	17.794	ug/l	95
70) Styrene	12.412	104	169776	17.151	ug/l	97
71) Bromoform	12.576	173	33370	14.782	ug/l #	95
73) Isopropylbenzene	12.694	105	268889	18.013	ug/l	100
74) N-amyl acetate	12.494	43	132036	15.887	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	76034	16.962	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	70347m	16.160	ug/l	
77) Bromobenzene	12.982	156	54035	17.298	ug/l	76
78) n-propylbenzene	13.035	91	308987	17.041	ug/l	96
79) 2-Chlorotoluene	13.129	91	187848	16.283	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	212249	16.803	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	31232	14.702	ug/l	87
82) 4-Chlorotoluene	13.223	91	179621	16.038	ug/l	94
83) tert-Butylbenzene	13.441	119	183014	17.398	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	209588	16.615	ug/l	98
85) sec-Butylbenzene	13.618	105	261632	17.657	ug/l	98
86) p-Isopropyltoluene	13.729	119	205298	17.255	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	102499	17.586	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	101319	17.653	ug/l	96
89) n-Butylbenzene	14.059	91	187190	16.903	ug/l	97
90) Hexachloroethane	14.335	117	39056	16.687	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	99955	17.889	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15282	14.003	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	52367	16.752	ug/l	99
94) Hexachlorobutadiene	15.500	225	19011	16.500	ug/l	93
95) Naphthalene	15.641	128	193109	16.349	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	52793	17.590	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
Data File : VN081922.D
Acq On : 30 Apr 2024 11:21
Operator : JC\MD
Sample : VN0430MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0430MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/01/2024
Supervised By :Semsettin Yesilyurt 05/01/2024

Quant Time: May 01 00:50:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

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

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

