

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080884.D
 Acq On : 02 Feb 2024 19:27
 Operator : JC\MD
 Sample : VN0202MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/05/2024
 Supervised By : Semsettin Yesilyurt 02/05/2024

Quant Time: Feb 02 23:56:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	94467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	195254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	172184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	68581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	87479	53.528	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.060%			
35) Dibromofluoromethane	8.165	113	61651	51.609	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.220%			
50) Toluene-d8	10.571	98	240701	51.482	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.853	95	90283	55.413	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	29503	21.027	ug/l	99
3) Chloromethane	2.360	50	42880	20.330	ug/l #	88
4) Vinyl Chloride	2.512	62	32184	20.071	ug/l #	87
5) Bromomethane	2.959	94	14170	22.093	ug/l	96
6) Chloroethane	3.118	64	21280	24.892	ug/l #	88
7) Trichlorofluoromethane	3.495	101	44784	21.580	ug/l	90
8) Diethyl Ether	3.959	74	21124	22.065	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	26006	21.490	ug/l	96
10) Methyl Iodide	4.589	142	21304	20.854	ug/l #	85
11) Tert butyl alcohol	5.530	59	32111	120.536	ug/l #	90
12) 1,1-Dichloroethene	4.342	96	26892	20.281	ug/l	95
13) Acrolein	4.183	56	40784	121.401	ug/l	99
14) Allyl chloride	5.024	41	61504	23.466	ug/l	92
15) Acrylonitrile	5.718	53	97104	121.198	ug/l	99
16) Acetone	4.430	43	76029	128.276	ug/l	91
17) Carbon Disulfide	4.706	76	72846	17.646	ug/l	99
18) Methyl Acetate	5.024	43	54335	26.304	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	99613	21.320	ug/l	96
20) Methylene Chloride	5.277	84	34393	22.106	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	28072	19.486	ug/l #	81
22) Diisopropyl ether	6.671	45	126254	21.832	ug/l	98
23) Vinyl Acetate	6.600	43	490492	117.222	ug/l	98
24) 1,1-Dichloroethane	6.559	63	64242	21.904	ug/l	99
25) 2-Butanone	7.483	43	133664	118.730	ug/l	95
26) 2,2-Dichloropropane	7.494	77	45695	19.277	ug/l	95
27) cis-1,2-Dichloroethene	7.483	96	35491	21.283	ug/l	99
28) Bromochloromethane	7.818	49	32197	20.735	ug/l	98
29) Tetrahydrofuran	7.836	42	89604	117.626	ug/l	99
30) Chloroform	7.971	83	57838	21.227	ug/l	100
31) Cyclohexane	8.253	56	58019	20.703	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	47402	21.453	ug/l	100
36) 1,1-Dichloropropene	8.377	75	44641	20.106	ug/l	97
37) Ethyl Acetate	7.559	43	54775	23.965	ug/l	97
38) Carbon Tetrachloride	8.359	117	36788	20.564	ug/l	96
39) Methylcyclohexane	9.600	83	42786	19.387	ug/l	96
40) Benzene	8.606	78	140104	21.470	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080884.D
 Acq On : 02 Feb 2024 19:27
 Operator : JC\MD
 Sample : VN0202MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0202MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/05/2024
 Supervised By :Semsettin Yesilyurt 02/05/2024

Quant Time: Feb 02 23:56:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30803	22.866	ug/l	93
42) 1,2-Dichloroethane	8.671	62	50481	23.745	ug/l	98
43) Isopropyl Acetate	8.688	43	91133	21.900	ug/l	99
44) Trichloroethene	9.359	130	28535	19.853	ug/l	92
45) 1,2-Dichloropropane	9.630	63	38540	21.823	ug/l	96
46) Dibromomethane	9.712	93	21506	20.543	ug/l	97
47) Bromodichloromethane	9.894	83	45357	21.340	ug/l	99
48) Methyl methacrylate	9.683	41	41359	20.501	ug/l	96
49) 1,4-Dioxane	9.694	88	11420	469.946	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	278229	119.602	ug/l	97
52) Toluene	10.630	92	78342	20.938	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	49264	19.896	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	54899	20.389	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	32639	22.698	ug/l	91
56) Ethyl methacrylate	10.877	69	53689	24.288	ug/l	97
57) 1,3-Dichloropropane	11.165	76	61529	22.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	131544	102.080	ug/l	100
59) 2-Hexanone	11.194	43	204473	113.156	ug/l	98
60) Dibromochloromethane	11.359	129	28956	21.649	ug/l	100
61) 1,2-Dibromoethane	11.477	107	30779	22.839	ug/l	98
64) Tetrachloroethene	11.106	164	23207	20.506	ug/l	91
65) Chlorobenzene	11.894	112	80060	21.304	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	26319	21.537	ug/l	96
67) Ethyl Benzene	11.965	91	146258	20.940	ug/l	94
68) m/p-Xylenes	12.071	106	104765	42.236	ug/l	98
69) o-Xylene	12.400	106	50506	20.492	ug/l	96
70) Styrene	12.418	104	84589	21.370	ug/l	100
71) Bromoform	12.582	173	16896	20.449	ug/l #	95
73) Isopropylbenzene	12.700	105	130518	20.782	ug/l	99
74) N-amyl acetate	12.494	43	77938	19.988	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	48424	21.919	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	45744m	22.116	ug/l	
77) Bromobenzene	12.982	156	28135	20.957	ug/l	93
78) n-propylbenzene	13.035	91	168049	22.398	ug/l	97
79) 2-Chlorotoluene	13.129	91	100749	21.127	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	103835	20.760	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	15972	19.893	ug/l #	85
82) 4-Chlorotoluene	13.224	91	90125	19.087	ug/l	97
83) tert-Butylbenzene	13.441	119	80377	20.123	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	100872	19.905	ug/l	99
85) sec-Butylbenzene	13.618	105	119849	20.353	ug/l	99
86) p-Isopropyltoluene	13.735	119	90643	19.808	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	49655	20.678	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	45191	18.771	ug/l	94
89) n-Butylbenzene	14.059	91	85901	19.182	ug/l	96
90) Hexachloroethane	14.335	117	15469	19.319	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	47525	21.623	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	8638	20.919	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	21243	18.779	ug/l	95
94) Hexachlorobutadiene	15.500	225	9350	18.919	ug/l	94
95) Naphthalene	15.641	128	85063	19.651	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	20981	18.869	ug/l	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
Data File : VN080884.D
Acq On : 02 Feb 2024 19:27
Operator : JC\MD
Sample : VN0202MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0202MBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/05/2024
Supervised By :Semsettin Yesilyurt 02/05/2024

Quant Time: Feb 02 23:56:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

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

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

