

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081127.D
 Acq On : 22 Feb 2024 11:50
 Operator : JC\MD
 Sample : VN0222MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

Quant Time: Feb 23 04:20:38 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)

Internal Standards						
1) Pentafluorobenzene	8.224	168	320624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	590691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	524814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	205811	52.370	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.740%			
35) Dibromofluoromethane	8.165	113	178736	53.511	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	10.571	98	609467	51.374	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.847	95	233302	52.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	93098	22.453	ug/l	93
3) Chloromethane	2.359	50	87494	18.598	ug/l	95
4) Vinyl Chloride	2.518	62	94426	20.502	ug/l	94
5) Bromomethane	2.965	94	67743	20.708	ug/l	99
6) Chloroethane	3.130	64	63206	20.709	ug/l	100
7) Trichlorofluoromethane	3.506	101	148084	22.008	ug/l	89
8) Diethyl Ether	3.959	74	52022	21.147	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	85581	22.816	ug/l	91
10) Methyl Iodide	4.583	142	87792	20.968	ug/l	93
11) Tert butyl alcohol	5.518	59	80626	111.557	ug/l	99
12) 1,1-Dichloroethene	4.342	96	74189	20.461	ug/l	95
13) Acrolein	4.183	56	37545	96.923	ug/l	90
14) Allyl chloride	5.024	41	112016	20.821	ug/l	92
15) Acrylonitrile	5.724	53	209422	110.949	ug/l	98
16) Acetone	4.418	43	132573	85.733	ug/l	98
17) Carbon Disulfide	4.712	76	193024	19.086	ug/l	98
18) Methyl Acetate	5.030	43	90567	24.009	ug/l	92
19) Methyl tert-butyl Ether	5.789	73	268967	21.659	ug/l	98
20) Methylene Chloride	5.283	84	85892	20.931	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	83946	20.751	ug/l	86
22) Diisopropyl ether	6.671	45	268440	21.996	ug/l	92
23) Vinyl Acetate	6.606	43	1072798	108.347	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	158911	22.520	ug/l	97
25) 2-Butanone	7.483	43	255719	102.362	ug/l	97
26) 2,2-Dichloropropane	7.494	77	143403	21.689	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	100407	21.363	ug/l	86
28) Bromochloromethane	7.812	49	65585	22.419	ug/l #	70
29) Tetrahydrofuran	7.841	42	178094	106.793	ug/l #	87
30) Chloroform	7.965	83	164929	21.986	ug/l	96
31) Cyclohexane	8.259	56	138592	20.424	ug/l #	72
32) 1,1,1-Trichloroethane	8.171	97	149180	21.836	ug/l #	91
36) 1,1-Dichloropropene	8.377	75	118493	20.707	ug/l	97
37) Ethyl Acetate	7.553	43	111616	21.612	ug/l	98
38) Carbon Tetrachloride	8.365	117	125691	21.710	ug/l	94
39) Methylcyclohexane	9.600	83	144523	21.665	ug/l	91
40) Benzene	8.612	78	362044	21.858	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081127.D
 Acq On : 22 Feb 2024 11:50
 Operator : JC\MD
 Sample : VN0222MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2024
 Supervised By : Mahesh Dadoda 02/23/2024

Quant Time: Feb 23 04:20:38 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	62880	21.393	ug/l	95
42) 1,2-Dichloroethane	8.671	62	126572	21.903	ug/l	98
43) Isopropyl Acetate	8.688	43	196616	21.768	ug/l #	96
44) Trichloroethene	9.353	130	93571	21.210	ug/l	94
45) 1,2-Dichloropropane	9.624	63	91361	22.050	ug/l	95
46) Dibromomethane	9.712	93	66159	21.915	ug/l	92
47) Bromodichloromethane	9.888	83	128455	22.467	ug/l #	97
48) Methyl methacrylate	9.683	41	87622	20.848	ug/l	87
49) 1,4-Dioxane	9.694	88	33789	413.462	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	587095	112.991	ug/l	95
52) Toluene	10.635	92	225318	21.488	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	136284	21.450	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	148673	21.658	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	91936	22.795	ug/l	93
56) Ethyl methacrylate	10.877	69	134550	21.829	ug/l	87
57) 1,3-Dichloropropane	11.165	76	157711	22.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	275134	88.962	ug/l #	87
59) 2-Hexanone	11.200	43	425325	103.250	ug/l	96
60) Dibromochloromethane	11.359	129	94610	22.082	ug/l	99
61) 1,2-Dibromoethane	11.471	107	93762	22.108	ug/l	99
64) Tetrachloroethene	11.106	164	79050	22.069	ug/l	96
65) Chlorobenzene	11.894	112	241157	21.231	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	89612	21.965	ug/l	98
67) Ethyl Benzene	11.965	91	436252	21.464	ug/l	99
68) m/p-Xylenes	12.071	106	329073	42.240	ug/l	98
69) o-Xylene	12.400	106	160519	20.786	ug/l	99
70) Styrene	12.412	104	262823	21.477	ug/l	97
71) Bromoform	12.582	173	58542	22.618	ug/l #	100
73) Isopropylbenzene	12.700	105	425000	20.714	ug/l	97
74) N-amyl acetate	12.494	43	169940	19.598	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	126416	21.912	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	93330m	17.517	ug/l	
77) Bromobenzene	12.982	156	93597	20.459	ug/l	79
78) n-propylbenzene	13.035	91	505600	21.406	ug/l	97
79) 2-Chlorotoluene	13.129	91	295840	20.420	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	356271	21.416	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	40095	19.369	ug/l #	81
82) 4-Chlorotoluene	13.223	91	287634	20.305	ug/l	93
83) tert-Butylbenzene	13.441	119	304297	21.155	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	350208	21.126	ug/l	95
85) sec-Butylbenzene	13.618	105	435494	21.778	ug/l	94
86) p-Isopropyltoluene	13.729	119	357925	21.549	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	176991	20.476	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	178985	21.073	ug/l	97
89) n-Butylbenzene	14.059	91	311365	21.517	ug/l	95
90) Hexachloroethane	14.335	117	60032	21.865	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	176346	21.153	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23442	19.543	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	96055	20.652	ug/l	99
94) Hexachlorobutadiene	15.506	225	36072	20.795	ug/l	98
95) Naphthalene	15.641	128	342697	20.107	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	94505	20.482	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
Data File : VN081127.D
Acq On : 22 Feb 2024 11:50
Operator : JC\MD
Sample : VN0222MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0222MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

Quant Time: Feb 23 04:20:38 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

