

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075241.D
 Acq On : 11 Nov 2022 12:19
 Operator : JC\MD
 Sample : VN1111MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2022
 Supervised By : Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 03:43:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	112432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	200122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	182574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71713	47.339	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.680%		
35) Dibromofluoromethane	8.171	113	62014	52.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.580%		
50) Toluene-d8	10.571	98	223530	49.042	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.080%		
62) 4-Bromofluorobenzene	12.853	95	82012	51.221	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	25380	17.353	ug/l	99
3) Chloromethane	2.371	50	25951	16.704	ug/l	99
4) Vinyl Chloride	2.524	62	37460	16.902	ug/l	96
5) Bromomethane	2.918	94	34580	18.760	ug/l	92
6) Chloroethane	3.101	64	27158	17.089	ug/l	97
7) Trichlorofluoromethane	3.495	101	45329	20.021	ug/l	99
8) Diethyl Ether	3.971	74	15792	19.123	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	25139	20.106	ug/l	97
10) Methyl Iodide	4.595	142	36817	19.779	ug/l	99
11) Tert butyl alcohol	5.542	59	28614	80.996	ug/l	100
12) 1,1-Dichloroethene	4.348	96	24465	20.528	ug/l	82
13) Acrolein	4.195	56	18093	62.614	ug/l	100
14) Allyl chloride	5.030	41	31996m	18.382	ug/l	
15) Acrylonitrile	5.730	53	67856	90.927	ug/l	99
16) Acetone	4.442	43	61610	96.049	ug/l #	88
17) Carbon Disulfide	4.718	76	56216	18.757	ug/l	96
18) Methyl Acetate	5.042	43	39131	18.676	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	83492	18.849	ug/l	99
20) Methylene Chloride	5.283	84	29314	20.497	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	26256	20.121	ug/l	96
22) Diisopropyl ether	6.677	45	71116	18.513	ug/l	99
23) Vinyl Acetate	6.612	43	287418m	89.603	ug/l	
24) 1,1-Dichloroethane	6.583	63	47092	19.384	ug/l	97
25) 2-Butanone	7.494	43	92216	91.400	ug/l	100
26) 2,2-Dichloropropane	7.494	77	42936	19.211	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	31511	20.221	ug/l	95
28) Bromochloromethane	7.818	49	19016	18.568	ug/l	93
29) Tetrahydrofuran	7.841	42	57974	88.923	ug/l	99
30) Chloroform	7.971	83	52130	19.763	ug/l	100
31) Cyclohexane	8.259	56	42906	19.043	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	47620	19.880	ug/l	93
36) 1,1-Dichloropropene	8.377	75	38303	21.059	ug/l	98
37) Ethyl Acetate	7.571	43	36558	18.328	ug/l #	79
38) Carbon Tetrachloride	8.365	117	42151	21.068	ug/l	94
39) Methylcyclohexane	9.606	83	48499	20.198	ug/l	95
40) Benzene	8.612	78	115811	20.796	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075241.D
 Acq On : 11 Nov 2022 12:19
 Operator : JC\MD
 Sample : VN1111MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2022
 Supervised By : Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 03:43:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	17968	18.802	ug/l	99
42) 1,2-Dichloroethane	8.671	62	40281	19.881	ug/l	98
43) Isopropyl Acetate	8.694	43	56970	18.413	ug/l	98
44) Trichloroethene	9.353	130	30970	22.166	ug/l	99
45) 1,2-Dichloropropane	9.624	63	27732	20.925	ug/l	97
46) Dibromomethane	9.712	93	21109	20.444	ug/l	97
47) Bromodichloromethane	9.888	83	40285	20.147	ug/l	96
48) Methyl methacrylate	9.682	41	25937	18.275	ug/l	98
49) 1,4-Dioxane	9.700	88	14707	395.722	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	184232	92.274	ug/l	98
52) Toluene	10.629	92	77374	20.784	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	41229	19.535	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	45615	20.378	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	30327	20.546	ug/l	97
56) Ethyl methacrylate	10.876	69	43099	19.142	ug/l	98
57) 1,3-Dichloropropane	11.165	76	51192	20.825	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	83251	95.641	ug/l	100
59) 2-Hexanone	11.200	43	135590	89.479	ug/l	98
60) Dibromochloromethane	11.359	129	31055	19.941	ug/l	97
61) 1,2-Dibromoethane	11.471	107	32026	21.171	ug/l	97
64) Tetrachloroethene	11.106	164	29226	26.110	ug/l	94
65) Chlorobenzene	11.894	112	81614	20.942	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	30731	21.257	ug/l	100
67) Ethyl Benzene	11.965	91	143733	20.500	ug/l	100
68) m/p-Xylenes	12.071	106	117871	41.897	ug/l	99
69) o-Xylene	12.400	106	56860	20.437	ug/l	99
70) Styrene	12.412	104	93051	20.975	ug/l	98
71) Bromoform	12.576	173	21387	19.760	ug/l #	98
73) Isopropylbenzene	12.694	105	148788	20.113	ug/l	100
74) N-amyl acetate	12.494	43	48333	17.666	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	46289	19.357	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	39179m	20.025	ug/l	
77) Bromobenzene	12.982	156	33464	20.545	ug/l	98
78) n-propylbenzene	13.035	91	171985	20.707	ug/l	98
79) 2-Chlorotoluene	13.123	91	104089	20.509	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	128149	20.625	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	13027	17.092	ug/l	93
82) 4-Chlorotoluene	13.123	91	104089	20.509	ug/l	99
83) tert-Butylbenzene	13.441	119	111294	20.159	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	131660	20.943	ug/l	100
85) sec-Butylbenzene	13.617	105	160084	20.727	ug/l	99
86) p-Isopropyltoluene	13.729	119	132707	20.805	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	67500	21.165	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	66238	20.986	ug/l	98
89) n-Butylbenzene	14.059	91	107092	20.849	ug/l	99
90) Hexachloroethane	14.335	117	21967	18.783	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	65177	20.557	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8867	17.770	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	30216	22.147	ug/l	98
94) Hexachlorobutadiene	15.500	225	15569	23.408	ug/l	95
95) Naphthalene	15.641	128	104350	19.889	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	29206	21.544	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
Data File : VN075241.D
Acq On : 11 Nov 2022 12:19
Operator : JC\MD
Sample : VN1111MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1111MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2022
Supervised By :Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 03:43:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

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

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

