

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075260.D
 Acq On : 14 Nov 2022 12:55
 Operator : JC\MD
 Sample : VN1114MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2022
 Supervised By : Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 03:51:09 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	100343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	180302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	163107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	79721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	65416	48.385	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.760%		
35) Dibromofluoromethane	8.171	113	54935	51.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.800%		
50) Toluene-d8	10.565	98	205715	50.094	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.180%		
62) 4-Bromofluorobenzene	12.847	95	72970	50.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	23262	17.821	ug/l	94
3) Chloromethane	2.371	50	25217	18.187	ug/l	95
4) Vinyl Chloride	2.524	62	34142	17.261	ug/l	98
5) Bromomethane	2.942	94	27320	15.989	ug/l	95
6) Chloroethane	3.118	64	24681	17.401	ug/l	100
7) Trichlorofluoromethane	3.501	101	42330	20.949	ug/l	97
8) Diethyl Ether	3.971	74	15198	20.621	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	24365	21.835	ug/l	100
10) Methyl Iodide	4.601	142	34800	20.948	ug/l	99
11) Tert butyl alcohol	5.536	59	25310	80.275	ug/l	97
12) 1,1-Dichloroethene	4.353	96	22546	21.197	ug/l	96
13) Acrolein	4.189	56	15794	61.243	ug/l	98
14) Allyl chloride	5.036	41	29228	18.815	ug/l	95
15) Acrylonitrile	5.736	53	67715	101.669	ug/l	97
16) Acetone	4.442	43	59514	103.960	ug/l	99
17) Carbon Disulfide	4.724	76	60207	22.509	ug/l	100
18) Methyl Acetate	5.042	43	38324	20.495	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	80437	20.347	ug/l	97
20) Methylene Chloride	5.283	84	26707	20.923	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	24701	21.210	ug/l	98
22) Diisopropyl ether	6.677	45	70907	20.683	ug/l	94
23) Vinyl Acetate	6.612	43	277135	96.806	ug/l	100
24) 1,1-Dichloroethane	6.577	63	45801	21.124	ug/l	98
25) 2-Butanone	7.489	43	90469	100.472	ug/l	97
26) 2,2-Dichloropropane	7.500	77	40580	20.344	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	28703	20.638	ug/l	99
28) Bromochloromethane	7.818	49	17616	19.273	ug/l	98
29) Tetrahydrofuran	7.847	42	56374	96.886	ug/l	98
30) Chloroform	7.971	83	48721	20.696	ug/l	100
31) Cyclohexane	8.265	56	41389	20.583	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	43663	20.424	ug/l	98
36) 1,1-Dichloropropene	8.377	75	35482	21.653	ug/l	98
37) Ethyl Acetate	7.571	43	34799	19.364	ug/l	98
38) Carbon Tetrachloride	8.365	117	40040	22.213	ug/l	98
39) Methylcyclohexane	9.600	83	46456	21.474	ug/l	95
40) Benzene	8.606	78	108804	21.685	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	18778	21.810	ug/l	97
42) 1,2-Dichloroethane	8.677	62	37380	20.477	ug/l	98
43) Isopropyl Acetate	8.688	43	55066	19.754	ug/l	99
44) Trichloroethene	9.353	130	27708	22.011	ug/l	95
45) 1,2-Dichloropropane	9.624	63	27124	22.716	ug/l	93
46) Dibromomethane	9.712	93	19900	21.392	ug/l	99
47) Bromodichloromethane	9.888	83	39310	21.821	ug/l	98
48) Methyl methacrylate	9.683	41	25334	19.812	ug/l	97
49) 1,4-Dioxane	9.694	88	13082	390.692	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	179603	99.844	ug/l	100
52) Toluene	10.630	92	72382	21.581	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	39813	20.938	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	43403	21.521	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	27072	20.357	ug/l	88
56) Ethyl methacrylate	10.871	69	39499	19.471	ug/l	98
57) 1,3-Dichloropropane	11.165	76	46732	21.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	76114	97.054	ug/l	100
59) 2-Hexanone	11.194	43	130441	95.544	ug/l	99
60) Dibromochloromethane	11.359	129	30885	22.012	ug/l	98
61) 1,2-Dibromoethane	11.471	107	28318	20.778	ug/l	98
64) Tetrachloroethene	11.106	164	25700	25.700	ug/l	90
65) Chlorobenzene	11.888	112	74820	21.490	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	27296	21.135	ug/l	99
67) Ethyl Benzene	11.965	91	132898	21.217	ug/l	99
68) m/p-Xylenes	12.071	106	106692	42.450	ug/l	98
69) o-Xylene	12.400	106	52859	21.266	ug/l	100
70) Styrene	12.412	104	81583	20.585	ug/l	99
71) Bromoform	12.576	173	20757	21.466	ug/l #	100
73) Isopropylbenzene	12.694	105	134142	20.959	ug/l	98
74) N-amyl acetate	12.494	43	44372	18.745	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	42121	20.568	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	36115m	21.336	ug/l	
77) Bromobenzene	12.976	156	29602	21.006	ug/l	99
78) n-propylbenzene	13.035	91	153389	21.347	ug/l	98
79) 2-Chlorotoluene	13.124	91	93581	21.312	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	114256	21.255	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	14242	21.598	ug/l	88
82) 4-Chlorotoluene	13.124	91	93581	21.312	ug/l	98
83) tert-Butylbenzene	13.441	119	100390	21.017	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	116618	21.441	ug/l	100
85) sec-Butylbenzene	13.618	105	143078	21.412	ug/l	99
86) p-Isopropyltoluene	13.729	119	120070	21.758	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	58446	21.182	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	58476	21.414	ug/l	98
89) n-Butylbenzene	14.059	91	99894	22.479	ug/l	99
90) Hexachloroethane	14.335	117	21034	20.789	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	59733	21.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	8714	20.185	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	26773	22.682	ug/l	99
94) Hexachlorobutadiene	15.500	225	13944	24.232	ug/l	99
95) Naphthalene	15.641	128	92709	20.424	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	25475	21.721	ug/l	98

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

