

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082758.D
 Acq On : 01 Jul 2024 12:15
 Operator : JC\MD
 Sample : VN0701MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 02 00:04:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

07/02/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	90923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	158768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	145988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67220	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	66564	47.472	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.940%
35) Dibromofluoromethane	8.165	113	51122	48.905	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.820%
50) Toluene-d8	10.565	98	188211	48.145	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.853	95	63699	47.448	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	25424	18.317	ug/l	96
3) Chloromethane	2.359	50	23171	15.950	ug/l	96
4) Vinyl Chloride	2.512	62	25389	16.493	ug/l	95
5) Bromomethane	2.965	94	18853	17.215	ug/l	90
6) Chloroethane	3.124	64	19362	17.833	ug/l	98
7) Trichlorofluoromethane	3.501	101	35995	18.864	ug/l	97
8) Diethyl Ether	3.959	74	12209	20.458	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.371	101	21428	19.684	ug/l	96
10) Methyl Iodide	4.589	142	19061	19.096	ug/l	98
11) Tert butyl alcohol	5.518	59	20573	91.856	ug/l	100
12) 1,1-Dichloroethene	4.342	96	18664	18.380	ug/l	95
13) Acrolein	4.183	56	15183	111.436	ug/l	98
14) Allyl chloride	5.024	41	28448	18.645	ug/l #	95
15) Acrylonitrile	5.718	53	53693	90.124	ug/l	99
16) Acetone	4.424	43	46924	88.328	ug/l	93
17) Carbon Disulfide	4.712	76	53952	16.222	ug/l	98
18) Methyl Acetate	5.018	43	25409	17.991	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	67325	19.996	ug/l	98
20) Methylene Chloride	5.277	84	23153	17.223	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	20229	18.461	ug/l	83
22) Diisopropyl ether	6.671	45	68863	19.400	ug/l	97
23) Vinyl Acetate	6.606	43	274956m	97.016	ug/l	
24) 1,1-Dichloroethane	6.571	63	40549	18.816	ug/l	99
25) 2-Butanone	7.489	43	72867	89.778	ug/l #	90
26) 2,2-Dichloropropane	7.489	77	36553	26.438	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	24982	19.377	ug/l	90
28) Bromochloromethane	7.812	49	17491	18.557	ug/l	91
29) Tetrahydrofuran	7.847	42	47518	90.794	ug/l #	88
30) Chloroform	7.965	83	43005	18.718	ug/l	94
31) Cyclohexane	8.259	56	34183	17.302	ug/l #	86
32) 1,1,1-Trichloroethane	8.171	97	37932	18.700	ug/l	96
36) 1,1-Dichloropropene	8.371	75	28753	19.137	ug/l	98
37) Ethyl Acetate	7.565	43	29705	18.292	ug/l	96
38) Carbon Tetrachloride	8.365	117	32915	18.731	ug/l	95
39) Methylcyclohexane	9.600	83	30200	19.360	ug/l	91
40) Benzene	8.606	78	92744	18.816	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	16039	19.155	ug/l	91
42) 1,2-Dichloroethane	8.671	62	33102	18.702	ug/l	99
43) Isopropyl Acetate	8.688	43	53282	18.869	ug/l #	94
44) Trichloroethene	9.353	130	20979	18.332	ug/l	91
45) 1,2-Dichloropropane	9.624	63	23641	19.790	ug/l	99
46) Dibromomethane	9.712	93	16922	19.394	ug/l	99
47) Bromodichloromethane	9.888	83	35077	19.728	ug/l	100
48) Methyl methacrylate	9.682	41	23101	18.485	ug/l #	86
49) 1,4-Dioxane	9.694	88	9528	382.027	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	155970	93.904	ug/l	94
52) Toluene	10.630	92	58481	20.206	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	35719	21.241	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	37205	21.044	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	22458	20.011	ug/l	97
56) Ethyl methacrylate	10.877	69	33046	19.578	ug/l	87
57) 1,3-Dichloropropane	11.165	76	38974	19.757	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	85226	100.222	ug/l	97
59) 2-Hexanone	11.200	43	116636	94.705	ug/l	95
60) Dibromochloromethane	11.359	129	26370	19.374	ug/l	98
61) 1,2-Dibromoethane	11.471	107	22270	18.886	ug/l	98
64) Tetrachloroethene	11.106	164	20225	18.494	ug/l	96
65) Chlorobenzene	11.894	112	63565	19.410	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	22573	19.835	ug/l	98
67) Ethyl Benzene	11.965	91	105714	19.560	ug/l	98
68) m/p-Xylenes	12.071	106	82049	40.801	ug/l	97
69) o-Xylene	12.400	106	38880	20.062	ug/l	94
70) Styrene	12.412	104	65341	19.859	ug/l	99
71) Bromoform	12.582	173	17248	19.379	ug/l #	99
73) Isopropylbenzene	12.700	105	96984	19.783	ug/l	99
74) N-amyl acetate	12.494	43	42116	19.247	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	31540	18.337	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	24145m	16.467	ug/l	
77) Bromobenzene	12.982	156	24662	20.243	ug/l	98
78) n-propylbenzene	13.035	91	115861	20.015	ug/l	99
79) 2-Chlorotoluene	13.123	91	71257	19.642	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	83629	20.766	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	12324m	21.920	ug/l	
82) 4-Chlorotoluene	13.223	91	70695	19.748	ug/l	98
83) tert-Butylbenzene	13.441	119	68014	20.068	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	82838	20.811	ug/l	99
85) sec-Butylbenzene	13.618	105	95807	20.175	ug/l	99
86) p-Isopropyltoluene	13.729	119	78355	20.594	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	45721	19.598	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	44935	18.506	ug/l	98
89) n-Butylbenzene	14.059	91	67506	20.037	ug/l	98
90) Hexachloroethane	14.335	117	16489	19.518	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	43182	19.490	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	6341	19.567	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	22248	20.569	ug/l	98
94) Hexachlorobutadiene	15.500	225	9273	18.953	ug/l	100
95) Naphthalene	15.641	128	70258	19.557	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	22844	19.804	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

