

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061024\
 Data File : VN082514.D
 Acq On : 10 Jun 2024 14:58
 Operator : JC\MD
 Sample : VN0610MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 01:07:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	180634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	149801	52.520	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.040%			
35) Dibromofluoromethane	8.171	113	110520	58.582	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.160%			
50) Toluene-d8	10.565	98	380170	52.560	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.853	95	138533	53.661	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 107.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50981	19.576	ug/l	100
3) Chloromethane	2.360	50	55060	18.655	ug/l	96
4) Vinyl Chloride	2.518	62	53439	19.260	ug/l	94
5) Bromomethane	2.959	94	31447	19.718	ug/l	95
6) Chloroethane	3.118	64	35790	19.754	ug/l	96
7) Trichlorofluoromethane	3.495	101	70106	19.295	ug/l	100
8) Diethyl Ether	3.965	74	24527	18.949	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	41178	19.401	ug/l	99
10) Methyl Iodide	4.583	142	39820	18.663	ug/l	97
11) Tert butyl alcohol	5.524	59	38634	84.381	ug/l #	86
12) 1,1-Dichloroethene	4.348	96	37742	19.132	ug/l #	79
13) Acrolein	4.177	56	30982	91.316	ug/l	97
14) Allyl chloride	5.024	41	73832	17.481	ug/l #	91
15) Acrylonitrile	5.718	53	110422	93.122	ug/l	99
16) Acetone	4.430	43	116141	99.262	ug/l	93
17) Carbon Disulfide	4.712	76	114957	18.042	ug/l	99
18) Methyl Acetate	5.024	43	58845	20.195	ug/l #	86
19) Methyl tert-butyl Ether	5.795	73	134202	18.611	ug/l	91
20) Methylene Chloride	5.277	84	44896	19.018	ug/l #	75
21) trans-1,2-Dichloroethene	5.789	96	40234	18.715	ug/l #	83
22) Diisopropyl ether	6.671	45	163007	18.483	ug/l #	93
23) Vinyl Acetate	6.606	43	643277	92.511	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	89030	19.585	ug/l	95
25) 2-Butanone	7.483	43	167422	94.377	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	76032	19.969	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	48348	19.056	ug/l	79
28) Bromochloromethane	7.818	49	43428	21.366	ug/l #	77
29) Tetrahydrofuran	7.841	42	104083	91.382	ug/l #	82
30) Chloroform	7.965	83	83841	19.314	ug/l	94
31) Cyclohexane	8.259	56	80892	17.757	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	76208	19.788	ug/l	93
36) 1,1-Dichloropropene	8.371	75	59800	18.899	ug/l	95
37) Ethyl Acetate	7.559	43	65529	18.506	ug/l #	93
38) Carbon Tetrachloride	8.365	117	65186	20.323	ug/l	99
39) Methylcyclohexane	9.606	83	64131	18.491	ug/l #	87
40) Benzene	8.606	78	184958	19.603	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	37554	18.033	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	71198	19.620	ug/l	96
43) Isopropyl Acetate	8.688	43	157539	25.108	ug/l #	80
44) Trichloroethene	9.353	130	41345	19.290	ug/l	88
45) 1,2-Dichloropropane	9.624	63	48825	20.056	ug/l	96
46) Dibromomethane	9.706	93	31587	19.763	ug/l	99
47) Bromodichloromethane	9.888	83	68621	20.337	ug/l	94
48) Methyl methacrylate	9.683	41	54552	18.246	ug/l #	84
49) 1,4-Dioxane	9.694	88	15761	376.202	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	339062	95.110	ug/l	89
52) Toluene	10.630	92	113562	20.056	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	69079	19.795	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	71788	19.435	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	40320	19.595	ug/l	98
56) Ethyl methacrylate	10.877	69	64543	18.475	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	74892	19.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	141691	78.631	ug/l	91
59) 2-Hexanone	11.194	43	252787	96.843	ug/l	90
60) Dibromochloromethane	11.359	129	48866	21.519	ug/l	100
61) 1,2-Dibromoethane	11.471	107	41167	19.478	ug/l	98
64) Tetrachloroethene	11.106	164	42613	20.810	ug/l	96
65) Chlorobenzene	11.894	112	118840	19.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	41790	20.787	ug/l	99
67) Ethyl Benzene	11.965	91	210129	19.246	ug/l	97
68) m/p-Xylenes	12.071	106	155100	38.761	ug/l	92
69) o-Xylene	12.400	106	74426	19.201	ug/l	92
70) Styrene	12.412	104	125756	19.533	ug/l	97
71) Bromoform	12.582	173	32408	20.685	ug/l #	97
73) Isopropylbenzene	12.700	105	191260	18.340	ug/l	98
74) N-amyl acetate	12.494	43	98769	17.218	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	55767	18.551	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	52916m	19.152	ug/l	
77) Bromobenzene	12.982	156	46919	18.879	ug/l	89
78) n-propylbenzene	13.035	91	230415	18.658	ug/l	96
79) 2-Chlorotoluene	13.129	91	140265	18.088	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	158951	18.850	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	24392	20.649	ug/l #	80
82) 4-Chlorotoluene	13.224	91	138790	18.306	ug/l	96
83) tert-Butylbenzene	13.441	119	128848	17.466	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	159340	18.470	ug/l	99
85) sec-Butylbenzene	13.618	105	186665	18.255	ug/l	98
86) p-Isopropyltoluene	13.729	119	154624	18.607	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	85170	18.916	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	88285	19.212	ug/l	99
89) n-Butylbenzene	14.059	91	134963	18.069	ug/l	98
90) Hexachloroethane	14.335	117	30919	20.082	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	82676	19.399	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12080	19.558	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	43964	18.403	ug/l	99
94) Hexachlorobutadiene	15.500	225	19448	18.552	ug/l	95
95) Naphthalene	15.641	128	129625	17.314	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	43859	18.339	ug/l	97

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

