

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082250.D
 Acq On : 21 May 2024 19:07
 Operator : JC\MD
 Sample : VN0521MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01

Quant Time: May 22 01:31:25 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/22/2024
 Supervised By :Semsettin Yesilyurt 05/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	182404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	323088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	290770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143265	49.741	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.480%		
35) Dibromofluoromethane	8.171	113	100331	50.481	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.960%		
50) Toluene-d8	10.571	98	371258	48.722	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.440%		
62) 4-Bromofluorobenzene	12.853	95	129083	47.462	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	94.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	50021	19.021	ug/l	99
3) Chloromethane	2.359	50	56388	18.920	ug/l	97
4) Vinyl Chloride	2.512	62	54612	19.491	ug/l	98
5) Bromomethane	2.953	94	27501	17.076	ug/l	100
6) Chloroethane	3.118	64	37207	20.337	ug/l	98
7) Trichlorofluoromethane	3.500	101	74883	20.410	ug/l	97
8) Diethyl Ether	3.965	74	26767	20.479	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	40987	19.124	ug/l	98
10) Methyl Iodide	4.589	142	39264	18.223	ug/l	100
11) Tert butyl alcohol	5.524	59	53216	115.102	ug/l	98
12) 1,1-Dichloroethene	4.342	96	38678	19.416	ug/l #	81
13) Acrolein	4.177	56	35389	103.293	ug/l	99
14) Allyl chloride	5.030	41	76505	17.938	ug/l #	91
15) Acrylonitrile	5.724	53	132165	110.377	ug/l	99
16) Acetone	4.430	43	126596	107.148	ug/l	90
17) Carbon Disulfide	4.718	76	111332	17.304	ug/l	99
18) Methyl Acetate	5.030	43	67940	23.090	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	148668	20.417	ug/l	95
20) Methylene Chloride	5.277	84	46933	19.688	ug/l #	75
21) trans-1,2-Dichloroethene	5.789	96	41134	18.948	ug/l #	83
22) Diisopropyl ether	6.677	45	177985	19.985	ug/l #	90
23) Vinyl Acetate	6.606	43	709196	101.001	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	91180	19.863	ug/l	98
25) 2-Butanone	7.488	43	196354	109.612	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	59852	15.567	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	50315	19.639	ug/l	84
28) Bromochloromethane	7.818	49	37911	18.404	ug/l #	75
29) Tetrahydrofuran	7.841	42	130211	113.212	ug/l #	81
30) Chloroform	7.965	83	89059	20.317	ug/l	97
31) Cyclohexane	8.253	56	82171	17.863	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	77896	20.030	ug/l	94
36) 1,1-Dichloropropene	8.377	75	60839	18.252	ug/l	97
37) Ethyl Acetate	7.565	43	78720	21.102	ug/l #	94
38) Carbon Tetrachloride	8.365	117	66487	19.676	ug/l	94
39) Methylcyclohexane	9.600	83	64488	17.650	ug/l #	80
40) Benzene	8.606	78	193537	19.471	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	43880	20.001	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	75683	19.797	ug/l	95
43) Isopropyl Acetate	8.694	43	174814	26.447	ug/l #	81
44) Trichloroethene	9.353	130	41817	18.520	ug/l	94
45) 1,2-Dichloropropane	9.624	63	50158	19.557	ug/l	96
46) Dibromomethane	9.712	93	33395	19.834	ug/l	97
47) Bromodichloromethane	9.888	83	71233	20.040	ug/l #	94
48) Methyl methacrylate	9.682	41	63977	20.312	ug/l #	81
49) 1,4-Dioxane	9.700	88	21378	484.370	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	413613	110.132	ug/l	89
52) Toluene	10.635	92	117452	19.690	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	68588	18.657	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	74830	19.230	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	44784	20.659	ug/l	94
56) Ethyl methacrylate	10.876	69	74316	20.193	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	80931	19.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	193620	101.994	ug/l	91
59) 2-Hexanone	11.200	43	307546	111.840	ug/l	89
60) Dibromochloromethane	11.365	129	49295	20.606	ug/l	99
61) 1,2-Dibromoethane	11.470	107	45625	20.491	ug/l	96
64) Tetrachloroethene	11.106	164	36808	17.079	ug/l	95
65) Chlorobenzene	11.894	112	122952	19.141	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	43693	20.650	ug/l	98
67) Ethyl Benzene	11.965	91	218297	18.998	ug/l	95
68) m/p-Xylenes	12.070	106	159851	37.956	ug/l	92
69) o-Xylene	12.400	106	76648	18.789	ug/l	90
70) Styrene	12.412	104	131082	19.345	ug/l	95
71) Bromoform	12.582	173	31750	19.303	ug/l #	100
73) Isopropylbenzene	12.700	105	198155	19.089	ug/l	98
74) N-amyl acetate	12.494	43	118954	20.833	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	65640	21.936	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	60045m	21.833	ug/l	
77) Bromobenzene	12.982	156	48159	19.467	ug/l	85
78) n-propylbenzene	13.035	91	234970	19.115	ug/l	97
79) 2-Chlorotoluene	13.129	91	146822	19.021	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	165604	19.729	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	24369	20.725	ug/l #	77
82) 4-Chlorotoluene	13.223	91	142957	18.942	ug/l	95
83) tert-Butylbenzene	13.441	119	139965	19.060	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	167189	19.469	ug/l	98
85) sec-Butylbenzene	13.617	105	193566	19.017	ug/l	98
86) p-Isopropyltoluene	13.729	119	159984	19.340	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	86354	19.267	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	86159	18.835	ug/l	98
89) n-Butylbenzene	14.059	91	133394	17.941	ug/l	98
90) Hexachloroethane	14.335	117	30687	20.023	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	84065	19.815	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13749	22.363	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	43180	18.158	ug/l	99
94) Hexachlorobutadiene	15.500	225	18244	17.484	ug/l	98
95) Naphthalene	15.641	128	146188	19.616	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45319	19.037	ug/l	98

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

