

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061024\
 Data File : VN082515.D
 Acq On : 10 Jun 2024 15:31
 Operator : JC\MD
 Sample : VN0610MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610MBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jun 11 01:08:14 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	8.224	168	153971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125538	51.635	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.280%			
35) Dibromofluoromethane	8.171	113	90963	56.422	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.840%			
50) Toluene-d8	10.571	98	313493	50.719	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.440%			
62) 4-Bromofluorobenzene	12.847	95	113971	51.661	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	45707	20.590	ug/l	98
3) Chloromethane	2.359	50	50033	19.888	ug/l	99
4) Vinyl Chloride	2.512	62	46963	19.857	ug/l	94
5) Bromomethane	2.959	94	28704	21.115	ug/l	99
6) Chloroethane	3.124	64	31982	20.709	ug/l	100
7) Trichlorofluoromethane	3.501	101	64246	20.744	ug/l	99
8) Diethyl Ether	3.965	74	23892	21.655	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.371	101	37340	20.639	ug/l	99
10) Methyl Iodide	4.589	142	34976	19.231	ug/l	92
11) Tert butyl alcohol	5.518	59	38626	98.973	ug/l	99
12) 1,1-Dichloroethene	4.336	96	34206	20.342	ug/l #	80
13) Acrolein	4.183	56	35091	121.337	ug/l	99
14) Allyl chloride	5.024	41	68525	19.034	ug/l #	90
15) Acrylonitrile	5.724	53	109129	107.969	ug/l	99
16) Acetone	4.424	43	106830	107.115	ug/l	91
17) Carbon Disulfide	4.712	76	103048	18.974	ug/l	98
18) Methyl Acetate	5.030	43	58816	23.680	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	128324	20.878	ug/l	97
20) Methylene Chloride	5.277	84	42088	20.916	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	36761	20.061	ug/l #	77
22) Diisopropyl ether	6.677	45	155819	20.727	ug/l #	93
23) Vinyl Acetate	6.606	43	603746	101.861	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	79088	20.411	ug/l	99
25) 2-Butanone	7.483	43	161635	106.893	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	68263	21.033	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	44849	20.738	ug/l	83
28) Bromochloromethane	7.818	49	35969	20.745	ug/l #	76
29) Tetrahydrofuran	7.841	42	103344	106.445	ug/l #	82
30) Chloroform	7.965	83	78979	21.344	ug/l	98
31) Cyclohexane	8.259	56	71803	18.491	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	68413	20.840	ug/l	96
36) 1,1-Dichloropropene	8.377	75	52684	19.485	ug/l	96
37) Ethyl Acetate	7.559	43	65801	21.745	ug/l #	92
38) Carbon Tetrachloride	8.359	117	58475	21.334	ug/l	100
39) Methylcyclohexane	9.606	83	56742	19.145	ug/l #	85
40) Benzene	8.606	78	167073	20.721	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	35821	20.129	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	65168	21.015	ug/l	96
43) Isopropyl Acetate	8.688	43	161398	30.101	ug/l #	79
44) Trichloroethene	9.353	130	37257	20.342	ug/l	90
45) 1,2-Dichloropropane	9.624	63	42899	20.621	ug/l	96
46) Dibromomethane	9.712	93	29354	21.492	ug/l	99
47) Bromodichloromethane	9.888	83	64200	22.266	ug/l #	98
48) Methyl methacrylate	9.682	41	52360	20.494	ug/l #	82
49) 1,4-Dioxane	9.694	88	16542	462.051	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	329663	108.214	ug/l	90
52) Toluene	10.629	92	102933	21.273	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	64843	21.744	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	68316	21.643	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	39770	22.617	ug/l	96
56) Ethyl methacrylate	10.877	69	63285	21.198	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	70118	21.327	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	159624	103.661	ug/l	89
59) 2-Hexanone	11.200	43	242062	108.519	ug/l	89
60) Dibromochloromethane	11.359	129	46099	23.756	ug/l	99
61) 1,2-Dibromoethane	11.471	107	37926	20.999	ug/l	95
64) Tetrachloroethene	11.106	164	37734	21.367	ug/l	98
65) Chlorobenzene	11.894	112	108227	20.561	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	39736	22.918	ug/l	99
67) Ethyl Benzene	11.965	91	186930	19.852	ug/l	96
68) m/p-Xylenes	12.076	106	141379	40.967	ug/l	94
69) o-Xylene	12.400	106	66341	19.845	ug/l	90
70) Styrene	12.412	104	113450	20.432	ug/l	95
71) Bromoform	12.582	173	29478	21.778	ug/l #	99
73) Isopropylbenzene	12.694	105	170035	18.917	ug/l	99
74) N-amyl acetate	12.494	43	92449	18.699	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	53625	20.696	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	51627m	21.680	ug/l	
77) Bromobenzene	12.982	156	43427	20.274	ug/l	91
78) n-propylbenzene	13.035	91	207698	19.514	ug/l	95
79) 2-Chlorotoluene	13.129	91	125275	18.743	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	140299	19.304	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23456	23.038	ug/l #	81
82) 4-Chlorotoluene	13.223	91	127823	19.560	ug/l	95
83) tert-Butylbenzene	13.441	119	118308	18.607	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	145484	19.565	ug/l	99
85) sec-Butylbenzene	13.618	105	167774	19.037	ug/l	100
86) p-Isopropyltoluene	13.729	119	138639	19.356	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	76856	19.804	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	77866	19.659	ug/l	98
89) n-Butylbenzene	14.059	91	119904	18.625	ug/l	97
90) Hexachloroethane	14.335	117	27859	20.993	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	75043	20.429	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11608	21.805	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	39249	19.061	ug/l	98
94) Hexachlorobutadiene	15.506	225	17795	19.695	ug/l	98
95) Naphthalene	15.641	128	121002	18.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	40961	19.871	ug/l	98

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

