

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053024\
 Data File : VN082391.D
 Acq On : 30 May 2024 13:43
 Operator : JC\MD
 Sample : VN0530MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0530MBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: May 31 03:26:43 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	170797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131191	48.645	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.280%
35) Dibromofluoromethane	8.171	113	91279	51.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.320%
50) Toluene-d8	10.571	98	330036	48.245	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.847	95	119377	48.892	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.780%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	43848	17.807	ug/l	97
3) Chloromethane	2.359	50	45416	16.274	ug/l	99
4) Vinyl Chloride	2.518	62	45521	17.351	ug/l	100
5) Bromomethane	2.959	94	28263	18.742	ug/l	100
6) Chloroethane	3.124	64	31240	18.236	ug/l	94
7) Trichlorofluoromethane	3.501	101	68014	19.798	ug/l	98
8) Diethyl Ether	3.959	74	25118	20.524	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.377	101	37672	18.772	ug/l	96
10) Methyl Iodide	4.589	142	38805	19.234	ug/l	96
11) Tert butyl alcohol	5.518	59	42568	98.328	ug/l	99
12) 1,1-Dichloroethene	4.342	96	35293	18.921	ug/l #	78
13) Acrolein	4.177	56	32767	102.139	ug/l	99
14) Allyl chloride	5.024	41	71153	17.817	ug/l #	92
15) Acrylonitrile	5.718	53	114692	102.294	ug/l	99
16) Acetone	4.424	43	103718	93.750	ug/l	92
17) Carbon Disulfide	4.712	76	92456	15.346	ug/l	96
18) Methyl Acetate	5.024	43	60332	21.898	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	146048	21.421	ug/l	94
20) Methylene Chloride	5.283	84	44462	19.919	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	37207	18.304	ug/l #	79
22) Diisopropyl ether	6.671	45	167772	20.118	ug/l #	90
23) Vinyl Acetate	6.600	43	641079	97.505	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	84650	19.694	ug/l	96
25) 2-Butanone	7.489	43	166031	98.983	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	73200	20.332	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	49083	20.460	ug/l	82
28) Bromochloromethane	7.812	49	43195	22.505	ug/l #	78
29) Tetrahydrofuran	7.841	42	105654	98.104	ug/l #	84
30) Chloroform	7.965	83	84248	20.525	ug/l	99
31) Cyclohexane	8.259	56	69924	16.233	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	74271	20.396	ug/l	95
36) 1,1-Dichloropropene	8.371	75	56493	18.878	ug/l	96
37) Ethyl Acetate	7.559	43	68726	20.521	ug/l #	94
38) Carbon Tetrachloride	8.359	117	63332	20.877	ug/l	98
39) Methylcyclohexane	9.600	83	57849	17.636	ug/l #	85
40) Benzene	8.606	78	177800	19.924	ug/l	98

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 Supervised By :Mahesh
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.777	41	38840	19.720	ug/l	#	87
42) 1,2-Dichloroethane	8.671	62	71706	20.893	ug/l		93
43) Isopropyl Acetate	8.688	43	128167	21.598	ug/l	#	89
44) Trichloroethene	9.353	130	39807	19.638	ug/l		94
45) 1,2-Dichloropropane	9.624	63	46783	20.319	ug/l		99
46) Dibromomethane	9.712	93	32852	21.733	ug/l		97
47) Bromodichloromethane	9.888	83	69078	21.647	ug/l	#	97
48) Methyl methacrylate	9.682	41	57405	20.301	ug/l	#	82
49) 1,4-Dioxane	9.694	88	17407	439.314	ug/l	#	81
51) 4-Methyl-2-Pentanone	10.447	43	350440	103.938	ug/l		91
52) Toluene	10.629	92	110599	20.653	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	68882	20.871	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	73469	21.030	ug/l	#	79
55) 1,1,2-Trichloroethane	11.018	97	42768	21.976	ug/l		97
56) Ethyl methacrylate	10.877	69	71247	21.563	ug/l	#	71
57) 1,3-Dichloropropane	11.165	76	76651	21.065	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	189048	110.927	ug/l		89
59) 2-Hexanone	11.194	43	258066	104.534	ug/l		89
60) Dibromochloromethane	11.359	129	50234	23.390	ug/l		100
61) 1,2-Dibromoethane	11.471	107	42149	21.086	ug/l		99
64) Tetrachloroethene	11.106	164	39387	20.402	ug/l		91
65) Chlorobenzene	11.894	112	117212	20.371	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	42291	22.313	ug/l		98
67) Ethyl Benzene	11.965	91	209456	20.349	ug/l		97
68) m/p-Xylenes	12.071	106	156895	41.589	ug/l		95
69) o-Xylene	12.400	106	74182	20.300	ug/l		90
70) Styrene	12.412	104	127054	20.932	ug/l		96
71) Bromoform	12.576	173	31315	21.183	ug/l	#	100
73) Isopropylbenzene	12.694	105	194816	20.753	ug/l		98
74) N-amyl acetate	12.494	43	102624	19.875	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	58330	21.556	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	54671m	21.983	ug/l		
77) Bromobenzene	12.982	156	46085	20.601	ug/l		86
78) n-propylbenzene	13.035	91	224967	20.238	ug/l		98
79) 2-Chlorotoluene	13.123	91	141588	20.284	ug/l		94
80) 1,3,5-Trimethylbenzene	13.176	105	158454	20.876	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.741	75	21407	20.133	ug/l	#	72
82) 4-Chlorotoluene	13.223	91	138744	20.330	ug/l		96
83) tert-Butylbenzene	13.441	119	136601	20.571	ug/l		95
84) 1,2,4-Trimethylbenzene	13.482	105	160671	20.690	ug/l		95
85) sec-Butylbenzene	13.618	105	187233	20.342	ug/l		99
86) p-Isopropyltoluene	13.729	119	155052	20.728	ug/l		98
87) 1,3-Dichlorobenzene	13.735	146	83958	20.715	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	83435	20.170	ug/l		96
89) n-Butylbenzene	14.059	91	136399	20.287	ug/l		97
90) Hexachloroethane	14.335	117	29028	20.945	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	82112	21.404	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12628	22.714	ug/l		81
93) 1,2,4-Trichlorobenzene	15.394	180	42863	19.932	ug/l		98
94) Hexachlorobutadiene	15.506	225	18739	19.859	ug/l		97
95) Naphthalene	15.641	128	140443	20.840	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	44456	20.651	ug/l		98

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

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

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