

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082259.D
 Acq On : 21 May 2024 23:32
 Operator : JC\MD
 Sample : VN0521MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS02

Manual Integrations
 APPROVED

Reviewed By :Mahesh

Dadoda

05/22/2024

Supervised By :Semsettin

Yesilyurt

05/22/2024

Quant Time: May 22 02:40:47 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	191265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	330031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145262	48.098	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.200%		
35) Dibromofluoromethane	8.171	113	99464	48.992	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.980%		
50) Toluene-d8	10.571	98	370434	47.591	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.180%		
62) 4-Bromofluorobenzene	12.853	95	130306	46.904	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	93.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	50980	18.487	ug/l	100
3) Chloromethane	2.359	50	54391	17.404	ug/l	99
4) Vinyl Chloride	2.512	62	54344	18.497	ug/l	98
5) Bromomethane	2.959	94	29603	17.530	ug/l	90
6) Chloroethane	3.124	64	35995	18.763	ug/l	98
7) Trichlorofluoromethane	3.501	101	74412	19.342	ug/l	98
8) Diethyl Ether	3.965	74	27427	20.012	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	41866	18.629	ug/l	99
10) Methyl Iodide	4.589	142	38903	17.219	ug/l	93
11) Tert butyl alcohol	5.530	59	50354	103.866	ug/l	98
12) 1,1-Dichloroethene	4.348	96	39610	18.963	ug/l	93
13) Acrolein	4.177	56	33386	92.932	ug/l	98
14) Allyl chloride	5.024	41	76821	17.177	ug/l #	91
15) Acrylonitrile	5.724	53	127706	101.712	ug/l	99
16) Acetone	4.424	43	117704	95.006	ug/l	90
17) Carbon Disulfide	4.712	76	111920	16.589	ug/l	98
18) Methyl Acetate	5.030	43	64184	20.803	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	149449	19.574	ug/l	92
20) Methylene Chloride	5.277	84	47905	19.165	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	42899	18.846	ug/l	82
22) Diisopropyl ether	6.671	45	182658	19.559	ug/l #	90
23) Vinyl Acetate	6.606	43	696822m	94.641	ug/l	
24) 1,1-Dichloroethane	6.571	63	90365	18.774	ug/l	98
25) 2-Butanone	7.483	43	186499	99.287	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	56857	14.103	ug/l	95
27) cis-1,2-Dichloroethene	7.488	96	51164	19.045	ug/l	84
28) Bromochloromethane	7.818	49	40573	18.793	ug/l #	75
29) Tetrahydrofuran	7.841	42	124594	103.310	ug/l #	81
30) Chloroform	7.965	83	89265	19.420	ug/l	95
31) Cyclohexane	8.259	56	83727	17.358	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	80014	19.621	ug/l	96
36) 1,1-Dichloropropene	8.377	75	62266	18.287	ug/l	96
37) Ethyl Acetate	7.565	43	76312	20.026	ug/l	95
38) Carbon Tetrachloride	8.365	117	65290	18.916	ug/l	99
39) Methylcyclohexane	9.600	83	67628	18.120	ug/l #	87
40) Benzene	8.606	78	196200	19.323	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	42916	19.150	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	75061	19.221	ug/l	95
43) Isopropyl Acetate	8.694	43	145003	21.475	ug/l #	87
44) Trichloroethene	9.353	130	44740	19.398	ug/l	88
45) 1,2-Dichloropropane	9.624	63	50351	19.220	ug/l	92
46) Dibromomethane	9.712	93	33805	19.655	ug/l	97
47) Bromodichloromethane	9.894	83	72031	19.838	ug/l #	96
48) Methyl methacrylate	9.682	41	62815	19.524	ug/l #	81
49) 1,4-Dioxane	9.700	88	18874	418.640	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	400272	104.338	ug/l	89
52) Toluene	10.635	92	119374	19.591	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	67259	17.911	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	74058	18.631	ug/l #	77
55) 1,1,2-Trichloroethane	11.024	97	44094	19.913	ug/l	97
56) Ethyl methacrylate	10.877	69	75867	20.180	ug/l #	70
57) 1,3-Dichloropropane	11.165	76	79378	19.173	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	192376	99.207	ug/l	90
59) 2-Hexanone	11.194	43	292580	104.159	ug/l	89
60) Dibromochloromethane	11.359	129	50235	20.557	ug/l	98
61) 1,2-Dibromoethane	11.471	107	44870	19.728	ug/l	96
64) Tetrachloroethene	11.106	164	44837	20.404	ug/l	94
65) Chlorobenzene	11.894	112	125552	19.169	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	43561	20.191	ug/l	100
67) Ethyl Benzene	11.965	91	221957	18.944	ug/l	99
68) m/p-Xylenes	12.071	106	163329	38.035	ug/l	92
69) o-Xylene	12.400	106	78658	18.910	ug/l	89
70) Styrene	12.412	104	133018	19.252	ug/l	96
71) Bromoform	12.582	173	32164	19.183	ug/l #	98
73) Isopropylbenzene	12.700	105	205487	19.454	ug/l	98
74) N-amyl acetate	12.494	43	111975	19.273	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	60253	19.789	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	59873m	21.395	ug/l	
77) Bromobenzene	12.982	156	47556	18.892	ug/l	88
78) n-propylbenzene	13.035	91	240522	19.230	ug/l	96
79) 2-Chlorotoluene	13.129	91	150899	19.213	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	166154	19.454	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	18974	15.859	ug/l #	80
82) 4-Chlorotoluene	13.223	91	146257	19.046	ug/l	95
83) tert-Butylbenzene	13.441	119	144719	19.368	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	167903	19.215	ug/l	98
85) sec-Butylbenzene	13.618	105	200498	19.359	ug/l	98
86) p-Isopropyltoluene	13.729	119	162748	19.336	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	87945	19.284	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	85610	18.393	ug/l	96
89) n-Butylbenzene	14.059	91	136709	18.071	ug/l	98
90) Hexachloroethane	14.335	117	29894	19.169	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	85160	19.728	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13457	21.511	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	44071	18.213	ug/l	99
94) Hexachlorobutadiene	15.506	225	18069	17.018	ug/l	93
95) Naphthalene	15.647	128	147064	19.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45406	18.745	ug/l	99

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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

