

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077890.D
 Acq On : 25 May 2023 08:35
 Operator : JC\MD
 Sample : VN0524MBS03
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524MBS03

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

05/25/2023

Supervised By : Mahesh
 Dadoda

05/25/2023

Quant Time: May 25 08:57:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	423246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	779001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	653177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	258086	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	316431	49.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.940%
35) Dibromofluoromethane	8.177	113	274660	54.069	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.140%
50) Toluene-d8	10.577	98	975187	49.875	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.853	95	309446	44.811	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.620%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.130	85	83278	17.289	ug/l	96
3) Chloromethane	2.371	50	112247	20.938	ug/l	98
4) Vinyl Chloride	2.518	62	127776	21.040	ug/l	99
5) Bromomethane	2.959	94	95016	21.155	ug/l	89
6) Chloroethane	3.130	64	88050	20.118	ug/l	96
7) Trichlorofluoromethane	3.506	101	164923	19.486	ug/l	95
8) Diethyl Ether	3.971	74	69538	22.506	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.389	101	78644	16.791	ug/l	98
10) Methyl Iodide	4.601	142	136255	24.393	ug/l	96
11) Tert butyl alcohol	5.530	59	81762	93.550	ug/l	99
12) 1,1-Dichloroethene	4.353	96	93699	21.048	ug/l	94
13) Acrolein	4.189	56	42557	55.970	ug/l	98
14) Allyl chloride	5.036	41	116960	17.885	ug/l	95
15) Acrylonitrile	5.730	53	227472	97.419	ug/l	98
16) Acetone	4.436	43	182985	91.842	ug/l	95
17) Carbon Disulfide	4.718	76	208820	17.410	ug/l	99
18) Methyl Acetate	5.036	43	164436	19.673	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	344475	21.379	ug/l	97
20) Methylene Chloride	5.283	84	117938	21.621	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	104936	20.985	ug/l	94
22) Diisopropyl ether	6.677	45	313145	20.429	ug/l	96
23) Vinyl Acetate	6.612	43	915776	96.426	ug/l #	92
24) 1,1-Dichloroethane	6.577	63	196654	20.941	ug/l	99
25) 2-Butanone	7.494	43	285276	91.531	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	90917	11.396	ug/l	93
27) cis-1,2-Dichloroethene	7.494	96	128263	21.392	ug/l	99
28) Bromochloromethane	7.818	49	76160	18.752	ug/l #	5
29) Tetrahydrofuran	7.847	42	185071	90.686	ug/l	88
30) Chloroform	7.971	83	207432	20.080	ug/l	96
31) Cyclohexane	8.265	56	131048	15.225	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	176691	20.118	ug/l	98
36) 1,1-Dichloropropene	8.377	75	138946	18.701	ug/l	99
37) Ethyl Acetate	7.571	43	124737	18.836	ug/l	95
38) Carbon Tetrachloride	8.371	117	146552	19.533	ug/l	98
39) Methylcyclohexane	9.612	83	124487	13.686	ug/l	92
40) Benzene	8.612	78	475571	21.690	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	66409	18.830	ug/l	94
42) 1,2-Dichloroethane	8.677	62	158469	19.897	ug/l	98
43) Isopropyl Acetate	8.694	43	209881	19.403	ug/l	96
44) Trichloroethene	9.359	130	116306	20.949	ug/l	98
45) 1,2-Dichloropropane	9.630	63	118688	21.222	ug/l	92
46) Dibromomethane	9.718	93	82806	20.692	ug/l	93
47) Bromodichloromethane	9.894	83	155783	20.333	ug/l	98
48) Methyl methacrylate	9.688	41	99478	19.397	ug/l	86
49) 1,4-Dioxane	9.700	88	42106	434.690	ug/l	98
51) 4-Methyl-2-Pentanone	10.453	43	629730	97.940	ug/l	94
52) Toluene	10.635	92	329447	24.136	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	147057	18.125	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	167926	18.782	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	118360	21.838	ug/l	98
56) Ethyl methacrylate	10.882	69	169218	20.650	ug/l	95
57) 1,3-Dichloropropane	11.171	76	193465	20.822	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	320749	79.561	ug/l	94
59) 2-Hexanone	11.200	43	428748	90.152	ug/l	94
60) Dibromochloromethane	11.365	129	119318	21.325	ug/l	99
61) 1,2-Dibromoethane	11.477	107	117185	21.673	ug/l	100
64) Tetrachloroethene	11.112	164	104337	22.842	ug/l	98
65) Chlorobenzene	11.900	112	295853	20.893	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	112267	22.914	ug/l	98
67) Ethyl Benzene	11.971	91	558668	22.016	ug/l	99
68) m/p-Xylenes	12.076	106	431112	44.837	ug/l	98
69) o-Xylene	12.406	106	208649	22.066	ug/l	97
70) Styrene	12.418	104	318186	21.182	ug/l	98
71) Bromoform	12.582	173	71036	21.794	ug/l #	97
73) Isopropylbenzene	12.700	105	463476	20.833	ug/l	99
74) N-amyl acetate	12.500	43	168971	20.548	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	143101	20.909	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	131918m	20.410	ug/l	
77) Bromobenzene	12.988	156	115514	22.753	ug/l	94
78) n-propylbenzene	13.041	91	505061	19.257	ug/l	100
79) 2-Chlorotoluene	13.129	91	329425	21.049	ug/l	95
80) 1,3,5-Trimethylbenzene	13.182	105	398316	21.303	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	30510	15.089	ug/l	88
82) 4-Chlorotoluene	13.229	91	302621	19.434	ug/l	96
83) tert-Butylbenzene	13.447	119	327788	20.081	ug/l	91
84) 1,2,4-Trimethylbenzene	13.488	105	421585	22.926	ug/l	99
85) sec-Butylbenzene	13.623	105	406616	17.528	ug/l	97
86) p-Isopropyltoluene	13.735	119	353747	19.128	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	187439	19.964	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	184001	19.749	ug/l	98
89) n-Butylbenzene	14.059	91	263701	15.502	ug/l	98
90) Hexachloroethane	14.341	117	55180	18.162	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	198444	22.624	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25933	19.572	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	82928	16.179	ug/l	99
94) Hexachlorobutadiene	15.512	225	28522	13.402	ug/l	97
95) Naphthalene	15.647	128	799197	45.299	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	87627	17.461	ug/l	96

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

