

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082318.D
 Acq On : 23 May 2024 13:53
 Operator : JC\MD
 Sample : VN0523MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523MBS01

Quant Time: May 24 04:17:20 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 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	183973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	318116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140220	48.269	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.540%		
35) Dibromofluoromethane	8.165	113	96889	49.511	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.020%		
50) Toluene-d8	10.571	98	368112	49.064	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.120%		
62) 4-Bromofluorobenzene	12.853	95	134214	50.120	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	100.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	48584	18.317	ug/l	98
3) Chloromethane	2.359	50	52776	17.557	ug/l	98
4) Vinyl Chloride	2.512	62	52166	18.460	ug/l	96
5) Bromomethane	2.953	94	29178	17.963	ug/l	99
6) Chloroethane	3.118	64	36328	19.687	ug/l	99
7) Trichlorofluoromethane	3.495	101	72135	19.493	ug/l	99
8) Diethyl Ether	3.965	74	25595	19.415	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.365	101	41217	19.067	ug/l	96
10) Methyl Iodide	4.589	142	38753	17.833	ug/l #	95
11) Tert butyl alcohol	5.524	59	46038	98.728	ug/l #	88
12) 1,1-Dichloroethene	4.347	96	38039	18.932	ug/l	84
13) Acrolein	4.183	56	36567	105.821	ug/l	100
14) Allyl chloride	5.024	41	84755	19.703	ug/l #	86
15) Acrylonitrile	5.724	53	124469	103.063	ug/l	99
16) Acetone	4.430	43	109747	92.095	ug/l	92
17) Carbon Disulfide	4.712	76	103931	16.016	ug/l	100
18) Methyl Acetate	5.030	43	62557	21.079	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	147470	20.080	ug/l	92
20) Methylene Chloride	5.283	84	47255	19.654	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	40961	18.708	ug/l #	80
22) Diisopropyl ether	6.671	45	175287	19.514	ug/l #	93
23) Vinyl Acetate	6.606	43	683261	96.478	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	87762	18.956	ug/l	99
25) 2-Butanone	7.488	43	181364	100.380	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	72766	18.764	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	50554	19.564	ug/l	80
28) Bromochloromethane	7.818	49	38525	18.546	ug/l #	73
29) Tetrahydrofuran	7.841	42	119884	103.344	ug/l #	82
30) Chloroform	7.965	83	87677	19.831	ug/l	98
31) Cyclohexane	8.259	56	80328	17.313	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	77602	19.784	ug/l	95
36) 1,1-Dichloropropene	8.377	75	61460	18.726	ug/l	95
37) Ethyl Acetate	7.565	43	76857	20.925	ug/l #	92
38) Carbon Tetrachloride	8.365	117	66343	19.941	ug/l	97
39) Methylcyclohexane	9.606	83	67706	18.820	ug/l	89
40) Benzene	8.606	78	189931	19.406	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	41145	19.047	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	74613	19.822	ug/l	94
43) Isopropyl Acetate	8.694	43	143962	22.120	ug/l #	87
44) Trichloroethene	9.353	130	42864	19.280	ug/l	85
45) 1,2-Dichloropropane	9.624	63	49340	19.539	ug/l	98
46) Dibromomethane	9.706	93	33446	20.174	ug/l	97
47) Bromodichloromethane	9.888	83	70622	20.178	ug/l	97
48) Methyl methacrylate	9.682	41	63178	20.372	ug/l #	81
49) 1,4-Dioxane	9.694	88	18522	426.220	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	395963	107.080	ug/l	89
52) Toluene	10.635	92	117186	19.952	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	71938	19.874	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	75389	19.676	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	45360	21.252	ug/l	95
56) Ethyl methacrylate	10.876	69	76906	21.223	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	79952	20.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	197021	105.408	ug/l	90
59) 2-Hexanone	11.200	43	289126	106.785	ug/l	89
60) Dibromochloromethane	11.359	129	50113	21.275	ug/l	99
61) 1,2-Dibromoethane	11.471	107	43512	19.848	ug/l	99
64) Tetrachloroethene	11.106	164	44540	20.226	ug/l	98
65) Chlorobenzene	11.894	112	124172	18.918	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	44235	20.460	ug/l	99
67) Ethyl Benzene	11.965	91	229110	19.513	ug/l	94
68) m/p-Xylenes	12.076	106	165526	38.465	ug/l	94
69) o-Xylene	12.400	106	82611	19.818	ug/l	94
70) Styrene	12.412	104	138950	20.068	ug/l	95
71) Bromoform	12.582	173	32071	19.090	ug/l #	95
73) Isopropylbenzene	12.700	105	212075	19.620	ug/l	99
74) N-amyl acetate	12.494	43	114012	19.176	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	61629	19.779	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	60812m	21.235	ug/l	
77) Bromobenzene	12.982	156	48878	18.975	ug/l	87
78) n-propylbenzene	13.035	91	250252	19.551	ug/l	97
79) 2-Chlorotoluene	13.129	91	152709	19.000	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	172448	19.731	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	21690	17.716	ug/l #	80
82) 4-Chlorotoluene	13.223	91	146856	18.688	ug/l	96
83) tert-Butylbenzene	13.441	119	151221	19.777	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	179601	20.085	ug/l	95
85) sec-Butylbenzene	13.617	105	211984	20.001	ug/l	98
86) p-Isopropyltoluene	13.729	119	181155	21.032	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	89537	19.186	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	88893	18.663	ug/l	95
89) n-Butylbenzene	14.059	91	162123	20.941	ug/l	96
90) Hexachloroethane	14.335	117	32434	20.324	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	88690	20.077	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14266	22.284	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	49787	20.106	ug/l	95
94) Hexachlorobutadiene	15.500	225	20668	19.022	ug/l	98
95) Naphthalene	15.641	128	190081	24.495	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.841	180	53141	21.438	ug/l	98

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

