

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081780.D
 Acq On : 18 Apr 2024 12:18
 Operator : JC\MD
 Sample : VN0418MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0418MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2024
 Supervised By : Mahesh Dadoda 04/19/2024

Quant Time: Apr 19 01:20:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	186744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156613	59.599	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.200%			
35) Dibromofluoromethane	8.165	113	117849	54.765	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.520%			
50) Toluene-d8	10.565	98	454561	57.339	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.680%#			
62) 4-Bromofluorobenzene	12.847	95	160746	59.337	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 118.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	43629	18.448	ug/l	97
3) Chloromethane	2.359	50	61389	29.540	ug/l	95
4) Vinyl Chloride	2.512	62	63177	21.827	ug/l	93
5) Bromomethane	2.965	94	44137	25.238	ug/l	94
6) Chloroethane	3.124	64	42946	23.651	ug/l	95
7) Trichlorofluoromethane	3.501	101	119390	31.942	ug/l	92
8) Diethyl Ether	3.959	74	37969	28.938	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	41879	17.889	ug/l	97
10) Methyl Iodide	4.595	142	34900	27.775	ug/l	89
11) Tert butyl alcohol	5.512	59	34606	96.542	ug/l	98
12) 1,1-Dichloroethene	4.348	96	37738	17.009	ug/l	94
13) Acrolein	4.177	56	53554	140.539	ug/l	96
14) Allyl chloride	5.030	41	48611	17.264	ug/l	92
15) Acrylonitrile	5.718	53	102419	103.533	ug/l	100
16) Acetone	4.430	43	70766	96.757	ug/l	100
17) Carbon Disulfide	4.712	76	110284	17.101	ug/l	100
18) Methyl Acetate	5.024	43	44003	21.511	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	135008	20.906	ug/l	99
20) Methylene Chloride	5.277	84	46409	20.188	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	43688	19.604	ug/l	90
22) Diisopropyl ether	6.677	45	130954	21.371	ug/l	95
23) Vinyl Acetate	6.606	43	528865m	110.569	ug/l	
24) 1,1-Dichloroethane	6.571	63	82318	20.418	ug/l	97
25) 2-Butanone	7.483	43	122497	101.598	ug/l	98
26) 2,2-Dichloropropane	7.483	77	74631	21.235	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	52752	19.351	ug/l	96
28) Bromochloromethane	7.818	49	36639	21.286	ug/l	97
29) Tetrahydrofuran	7.841	42	89663	114.945	ug/l	96
30) Chloroform	7.971	83	95772	20.949	ug/l	97
31) Cyclohexane	8.259	56	69703	19.336	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	80290	19.806	ug/l	94
36) 1,1-Dichloropropene	8.377	75	61133	20.390	ug/l	98
37) Ethyl Acetate	7.559	43	59237	24.044	ug/l #	94
38) Carbon Tetrachloride	8.359	117	70840	20.309	ug/l	97
39) Methylcyclohexane	9.606	83	68159	19.297	ug/l	97
40) Benzene	8.606	78	188924	20.229	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30463	22.778	ug/l	98
42) 1,2-Dichloroethane	8.671	62	69175	21.248	ug/l	99
43) Isopropyl Acetate	8.688	43	94656	20.594	ug/l	99
44) Trichloroethene	9.353	130	46870	19.298	ug/l	95
45) 1,2-Dichloropropane	9.618	63	48829	22.677	ug/l	94
46) Dibromomethane	9.712	93	39217	21.822	ug/l	95
47) Bromodichloromethane	9.888	83	74680	21.753	ug/l #	94
48) Methyl methacrylate	9.688	41	43326	23.128	ug/l	96
49) 1,4-Dioxane	9.694	88	20152	428.908	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	306253	119.795	ug/l	96
52) Toluene	10.629	92	129971	21.909	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	74413	21.759	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	77222	21.197	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	48431	21.732	ug/l	93
56) Ethyl methacrylate	10.877	69	68226	22.251	ug/l	95
57) 1,3-Dichloropropane	11.165	76	86105	23.083	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	158296	97.568	ug/l	98
59) 2-Hexanone	11.194	43	225070	121.616	ug/l	99
60) Dibromochloromethane	11.365	129	57401	21.311	ug/l	92
61) 1,2-Dibromoethane	11.471	107	49924	21.477	ug/l	99
64) Tetrachloroethene	11.106	164	53357	20.178	ug/l	95
65) Chlorobenzene	11.888	112	143113	19.956	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	49623	20.283	ug/l	98
67) Ethyl Benzene	11.965	91	234480	20.771	ug/l	96
68) m/p-Xylenes	12.071	106	185676	42.298	ug/l	98
69) o-Xylene	12.400	106	84694	20.133	ug/l	95
70) Styrene	12.412	104	149119	21.637	ug/l	98
71) Bromoform	12.576	173	40246	21.319	ug/l #	95
73) Isopropylbenzene	12.700	105	222391	19.678	ug/l	98
74) N-amyl acetate	12.494	43	86298	20.981	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	69388	20.898	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	63846m	21.123	ug/l	
77) Bromobenzene	12.982	156	56106	19.472	ug/l	93
78) n-propylbenzene	13.035	91	265780	20.266	ug/l	99
79) 2-Chlorotoluene	13.129	91	167782	20.525	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	192591	20.861	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	27975	22.712	ug/l	93
82) 4-Chlorotoluene	13.223	91	166095	20.567	ug/l	97
83) tert-Butylbenzene	13.441	119	156402	19.342	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	197783	21.239	ug/l	100
85) sec-Butylbenzene	13.618	105	232440	20.600	ug/l	100
86) p-Isopropyltoluene	13.729	119	192755	20.842	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	105862	19.657	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	105304	19.176	ug/l	96
89) n-Butylbenzene	14.059	91	162067	20.042	ug/l	99
90) Hexachloroethane	14.335	117	37592	19.094	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	103691	19.893	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	13650	20.873	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	52402	19.085	ug/l	97
94) Hexachlorobutadiene	15.500	225	23066	19.488	ug/l	99
95) Naphthalene	15.641	128	164226	18.721	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	56894	20.266	ug/l	96

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

