

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081785.D
 Acq On : 18 Apr 2024 14:18
 Operator : JC\MD
 Sample : VN0418MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 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 01:23:12 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	261494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	460397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	428211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	189900	51.608	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.220%			
35) Dibromofluoromethane	8.165	113	154708	50.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.780%			
50) Toluene-d8	10.571	98	593464	52.988	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.980%			
62) 4-Bromofluorobenzene	12.847	95	211584	55.282	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 110.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	63144	19.067	ug/l	99
3) Chloromethane	2.360	50	64838	21.552	ug/l	94
4) Vinyl Chloride	2.512	62	73477	18.129	ug/l	97
5) Bromomethane	2.965	94	51281	20.941	ug/l	94
6) Chloroethane	3.124	64	47912	18.354	ug/l	97
7) Trichlorofluoromethane	3.501	101	99965	19.100	ug/l	98
8) Diethyl Ether	3.959	74	32467	17.671	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	55301	16.869	ug/l	97
10) Methyl Iodide	4.589	142	47699	27.109	ug/l	98
11) Tert butyl alcohol	5.518	59	51625	102.851	ug/l	98
12) 1,1-Dichloroethene	4.348	96	53101	17.092	ug/l	95
13) Acrolein	4.183	56	49600	92.954	ug/l	99
14) Allyl chloride	5.024	41	68806	17.450	ug/l	96
15) Acrylonitrile	5.718	53	131289	94.779	ug/l	99
16) Acetone	4.430	43	95352	93.105	ug/l #	87
17) Carbon Disulfide	4.712	76	144423	15.993	ug/l	97
18) Methyl Acetate	5.024	43	55114	19.241	ug/l #	74
19) Methyl tert-butyl Ether	5.795	73	176858	19.558	ug/l	95
20) Methylene Chloride	5.283	84	60541	18.656	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	57298	18.362	ug/l #	93
22) Diisopropyl ether	6.671	45	166207	19.371	ug/l	95
23) Vinyl Acetate	6.600	43	672919	100.470	ug/l	98
24) 1,1-Dichloroethane	6.565	63	106712	18.902	ug/l	96
25) 2-Butanone	7.483	43	163244	96.690	ug/l	95
26) 2,2-Dichloropropane	7.489	77	99343	20.187	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	68134	17.849	ug/l	95
28) Bromochloromethane	7.812	49	43085	17.876	ug/l	97
29) Tetrahydrofuran	7.841	42	112255	102.770	ug/l	99
30) Chloroform	7.971	83	116811	18.247	ug/l	93
31) Cyclohexane	8.259	56	90432	17.915	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	106982	18.846	ug/l	97
36) 1,1-Dichloropropene	8.365	75	77755	18.357	ug/l	100
37) Ethyl Acetate	7.565	43	73130	21.011	ug/l	98
38) Carbon Tetrachloride	8.365	117	94883	19.254	ug/l	90
39) Methylcyclohexane	9.600	83	88058	17.646	ug/l	97
40) Benzene	8.606	78	240515	18.228	ug/l	99

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41) Methacrylonitrile	7.777	41	38141	20.186	ug/l	98
42) 1,2-Dichloroethane	8.671	62	87453	19.013	ug/l	98
43) Isopropyl Acetate	8.688	43	120687	18.586	ug/l	99
44) Trichloroethene	9.353	130	63602	18.536	ug/l	95
45) 1,2-Dichloropropane	9.624	63	56672	18.629	ug/l	96
46) Dibromomethane	9.712	93	46657	18.376	ug/l	96
47) Bromodichloromethane	9.888	83	90873	18.736	ug/l	96
48) Methyl methacrylate	9.683	41	54716	20.674	ug/l	96
49) 1,4-Dioxane	9.694	88	26836	404.283	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	379355	105.033	ug/l	99
52) Toluene	10.630	92	159977	19.088	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	96035	19.877	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	98594	19.156	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	60322	19.159	ug/l	98
56) Ethyl methacrylate	10.877	69	89594	20.682	ug/l	96
57) 1,3-Dichloropropane	11.165	76	98208	18.635	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	208333	90.890	ug/l	98
59) 2-Hexanone	11.194	43	287710	110.040	ug/l	99
60) Dibromochloromethane	11.359	129	71332	18.745	ug/l	96
61) 1,2-Dibromoethane	11.471	107	62397	18.999	ug/l	95
64) Tetrachloroethene	11.106	164	64477	17.747	ug/l	95
65) Chlorobenzene	11.894	112	177696	18.034	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	60587	18.025	ug/l	96
67) Ethyl Benzene	11.965	91	305136	19.674	ug/l	98
68) m/p-Xylenes	12.071	106	237716	39.415	ug/l	98
69) o-Xylene	12.400	106	114955	19.889	ug/l	99
70) Styrene	12.412	104	195850	20.683	ug/l	98
71) Bromoform	12.582	173	47429	18.286	ug/l #	96
73) Isopropylbenzene	12.700	105	294257	19.914	ug/l	99
74) N-amyl acetate	12.494	43	106277	19.763	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	79927	18.411	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	75977m	18.866	ug/l	
77) Bromobenzene	12.982	156	68925	18.296	ug/l	94
78) n-propylbenzene	13.035	91	340457	19.856	ug/l	98
79) 2-Chlorotoluene	13.124	91	209208	19.574	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	245656	20.352	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	31237	19.397	ug/l	95
82) 4-Chlorotoluene	13.224	91	199871	18.930	ug/l	100
83) tert-Butylbenzene	13.441	119	212555	20.106	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	248873	20.441	ug/l	97
85) sec-Butylbenzene	13.618	105	291688	19.772	ug/l	100
86) p-Isopropyltoluene	13.729	119	243923	20.172	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	126590	17.979	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	129219	17.997	ug/l	97
89) n-Butylbenzene	14.059	91	209326	19.800	ug/l	99
90) Hexachloroethane	14.335	117	45528	17.688	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	126778	18.603	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	18702	21.983	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	67911	18.917	ug/l	96
94) Hexachlorobutadiene	15.506	225	25881	16.725	ug/l	93
95) Naphthalene	15.641	128	256306	22.347	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	70831	19.298	ug/l	98

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

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