

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041524\
 Data File : VN081744.D
 Acq On : 15 Apr 2024 17:57
 Operator : JC\MD
 Sample : VN0415MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/16/2024
 Supervised By : Semsettin Yesilyurt 04/16/2024

Quant Time: Apr 15 23:30:43 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	289338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	499056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	471949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	216396	53.150	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.300%			
35) Dibromofluoromethane	8.171	113	179534	54.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.960%			
50) Toluene-d8	10.571	98	676564	55.728	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.460%			
62) 4-Bromofluorobenzene	12.853	95	242855	58.537	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 117.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	78462	21.413	ug/l	98
3) Chloromethane	2.359	50	73854	22.274	ug/l	98
4) Vinyl Chloride	2.512	62	90259	20.126	ug/l	98
5) Bromomethane	2.953	94	54978	20.290	ug/l	95
6) Chloroethane	3.124	64	54410	18.901	ug/l #	87
7) Trichlorofluoromethane	3.500	101	123915	21.397	ug/l	94
8) Diethyl Ether	3.959	74	37956	18.671	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	69678	19.210	ug/l	99
10) Methyl Iodide	4.583	142	46640	23.957	ug/l	97
11) Tert butyl alcohol	5.518	59	61039	109.904	ug/l	98
12) 1,1-Dichloroethene	4.342	96	67539	19.647	ug/l	91
13) Acrolein	4.177	56	59571	100.897	ug/l	96
14) Allyl chloride	5.030	41	80866	18.535	ug/l	99
15) Acrylonitrile	5.718	53	154828	101.016	ug/l	99
16) Acetone	4.430	43	113508	100.167	ug/l	96
17) Carbon Disulfide	4.712	76	182272	18.242	ug/l	97
18) Methyl Acetate	5.024	43	63866	20.150	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	206302	20.619	ug/l	99
20) Methylene Chloride	5.277	84	72038	20.229	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	70407	20.391	ug/l	90
22) Diisopropyl ether	6.677	45	192948	20.323	ug/l #	97
23) Vinyl Acetate	6.606	43	773714	104.403	ug/l	99
24) 1,1-Dichloroethane	6.565	63	121306	19.420	ug/l	96
25) 2-Butanone	7.488	43	193683	103.679	ug/l	94
26) 2,2-Dichloropropane	7.494	77	110483	20.290	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	82246	19.472	ug/l	98
28) Bromochloromethane	7.812	49	57953	21.730	ug/l	94
29) Tetrahydrofuran	7.841	42	132821	109.897	ug/l	100
30) Chloroform	7.965	83	134507	18.989	ug/l	98
31) Cyclohexane	8.265	56	107711	19.285	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	126855	20.196	ug/l	97
36) 1,1-Dichloropropene	8.377	75	90002	19.602	ug/l	97
37) Ethyl Acetate	7.565	43	80660	21.379	ug/l	98
38) Carbon Tetrachloride	8.365	117	111427	20.859	ug/l	99
39) Methylcyclohexane	9.600	83	111783	20.665	ug/l	98
40) Benzene	8.612	78	295046	20.629	ug/l	98

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41) Methacrylonitrile	7.777	41	45969	22.445	ug/l	95
42) 1,2-Dichloroethane	8.671	62	99437	19.944	ug/l	100
43) Isopropyl Acetate	8.694	43	139986	19.888	ug/l	99
44) Trichloroethene	9.353	130	74883	20.133	ug/l	97
45) 1,2-Dichloropropane	9.624	63	66030	20.024	ug/l	95
46) Dibromomethane	9.712	93	54145	19.673	ug/l	98
47) Bromodichloromethane	9.894	83	106667	20.289	ug/l	97
48) Methyl methacrylate	9.688	41	62607	21.823	ug/l	97
49) 1,4-Dioxane	9.700	88	31046	431.476	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	434491	110.980	ug/l	99
52) Toluene	10.629	92	193629	21.313	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	108458	20.709	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	117140	20.996	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	70235	20.580	ug/l	97
56) Ethyl methacrylate	10.876	69	107656	22.926	ug/l	99
57) 1,3-Dichloropropane	11.165	76	118349	20.718	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	254537	102.446	ug/l	99
59) 2-Hexanone	11.200	43	330928	116.765	ug/l	98
60) Dibromochloromethane	11.359	129	85697	20.775	ug/l	97
61) 1,2-Dibromoethane	11.471	107	75995	21.347	ug/l	96
64) Tetrachloroethene	11.106	164	77983	19.476	ug/l	92
65) Chlorobenzene	11.894	112	215500	19.844	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	76596	20.676	ug/l	97
67) Ethyl Benzene	11.965	91	366971	21.468	ug/l	100
68) m/p-Xylenes	12.071	106	288981	43.474	ug/l	99
69) o-Xylene	12.400	106	140933	22.124	ug/l	98
70) Styrene	12.418	104	230886	22.123	ug/l	98
71) Bromoform	12.582	173	57633	20.161	ug/l #	98
73) Isopropylbenzene	12.700	105	359693	21.916	ug/l	98
74) N-amyl acetate	12.500	43	123617	20.695	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	92720	19.229	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	91793m	20.872	ug/l	
77) Bromobenzene	12.982	156	86406	20.650	ug/l	98
78) n-propylbenzene	13.041	91	410351	21.546	ug/l	98
79) 2-Chlorotoluene	13.129	91	244672	20.610	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	298813	22.288	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	35966	20.107	ug/l	97
82) 4-Chlorotoluene	13.223	91	238030	20.296	ug/l	98
83) tert-Butylbenzene	13.441	119	270308	23.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	302065	22.336	ug/l	98
85) sec-Butylbenzene	13.617	105	360987	22.030	ug/l	100
86) p-Isopropyltoluene	13.729	119	321060	23.904	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	162050	20.720	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	154085	19.321	ug/l	97
89) n-Butylbenzene	14.059	91	260087	22.148	ug/l	99
90) Hexachloroethane	14.335	117	52896	18.501	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	153105	20.226	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21163	22.438	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	88952	22.308	ug/l	97
94) Hexachlorobutadiene	15.506	225	34870	20.287	ug/l	100
95) Naphthalene	15.647	128	319162	25.053	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	89925	22.057	ug/l	99

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

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