

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059349.D
 Acq On : 21 Nov 2019 20:13
 Operator : JC/SP
 Sample : VN1121MBS04
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121MBS04

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 3:13:06 PM

Quant Time: Nov 22 07:19:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	371624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	593193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	526383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237219	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	226872	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.57	113	181504	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	10.08	98	728542	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.40	95	257129	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	91278	19.186	ug/l 99
3) Chloromethane	2.04	50	113031	19.393	ug/l 100
4) Vinyl Chloride	2.17	62	119925	19.985	ug/l 100
5) Bromomethane	2.54	94	64483	19.356	ug/l 98
6) Chloroethane	2.68	64	60479	18.467	ug/l 100
7) Trichlorofluoromethane	3.00	101	121205	18.757	ug/l 98
8) Diethyl Ether	3.39	74	51277	19.410	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	73503	18.602	ug/l 98
10) Methyl Iodide	3.93	142	95626	19.473	ug/l 98
11) Tert butyl alcohol	4.75	59	86917	97.361	ug/l 99
12) 1,1-Dichloroethene	3.72	96	76268	19.016	ug/l 97
13) Acrolein	3.58	56	84548	103.750	ug/l 98
14) Allyl chloride	4.29	41	142707	19.046	ug/l 99
15) Acrylonitrile	4.95	53	232541	98.518	ug/l 100
16) Acetone	3.79	43	180228	90.147	ug/l 99
17) Carbon Disulfide	4.03	76	238905	19.093	ug/l 100
18) Methyl Acetate	4.29	43	129905	19.579	ug/l 99
19) Methyl tert-butyl Ether	5.01	73	255998	19.761	ug/l 100
20) Methylene Chloride	4.52	84	85702	19.007	ug/l 97
21) trans-1,2-Dichloroethene	5.01	96	80789	19.006	ug/l 98
22) Diisopropyl ether	5.92	45	272774	19.335	ug/l 99
23) Vinyl Acetate	5.87	43	1084875	97.792	ug/l 100
24) 1,1-Dichloroethane	5.82	63	155078	19.529	ug/l 99
25) 2-Butanone	6.81	43	298870	96.135	ug/l 97
26) 2,2-Dichloropropane	6.80	77	125496	18.252	ug/l 99
27) cis-1,2-Dichloroethene	6.81	96	92118	19.207	ug/l 99
28) Bromochloromethane	7.17	49	64699	21.413	ug/l 96
29) Tetrahydrofuran	7.19	42	205723	95.700	ug/l 99
30) Chloroform	7.35	83	146981	18.989	ug/l 98
31) Cyclohexane	7.63	56	148357	18.896	ug/l 94
32) 1,1,1-Trichloroethane	7.55	97	126448	19.099	ug/l 99
36) 1,1-Dichloropropene	7.77	75	114577	18.710	ug/l 100
37) Ethyl Acetate	6.90	43	126285	19.188	ug/l 98
38) Carbon Tetrachloride	7.75	117	109649	18.704	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	138831	18.800	ug/l	98
40) Benzene	8.02	78	346211	19.262	ug/l	100
41) Methacrylonitrile	7.16	41	60322m	20.646	ug/l	
42) 1,2-Dichloroethane	8.11	62	114344	19.236	ug/l	100
43) Isopropyl Acetate	8.15	43	191493	19.038	ug/l	99
44) Trichloroethene	8.82	130	86810	19.058	ug/l	97
45) 1,2-Dichloropropane	9.10	63	91111	19.010	ug/l	99
46) Dibromomethane	9.19	93	56192	19.114	ug/l	100
47) Bromodichloromethane	9.39	83	111092	18.869	ug/l	100
48) Methyl methacrylate	9.19	41	84769	18.533	ug/l	96
49) 1,4-Dioxane	9.19	88	27415	398.803	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	597559	101.499	ug/l	99
52) Toluene	10.15	92	209094	19.348	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	130158	19.018	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	142175	19.144	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	80145	19.073	ug/l	100
56) Ethyl methacrylate	10.42	69	124064	18.908	ug/l	99
57) 1,3-Dichloropropane	10.70	76	142079	19.400	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	216631	98.369	ug/l	99
59) 2-Hexanone	10.75	43	433415	100.538	ug/l	99
60) Dibromochloromethane	10.90	129	84917	19.178	ug/l	99
61) 1,2-Dibromoethane	11.00	107	83308	19.054	ug/l	99
64) Tetrachloroethene	10.63	164	76736	18.849	ug/l	98
65) Chlorobenzene	11.43	112	217563	19.222	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	79212	19.265	ug/l	99
67) Ethyl Benzene	11.51	91	394047	19.499	ug/l	100
68) m/p-Xylenes	11.62	106	293434	39.076	ug/l	99
69) o-Xylene	11.95	106	140638	19.563	ug/l	99
70) Styrene	11.96	104	216565	19.092	ug/l	98
71) Bromoform	12.13	173	60387	19.392	ug/l #	98
73) Isopropylbenzene	12.25	105	376185	19.358	ug/l	99
74) N-amyl acetate	12.07	43	154235	19.749	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	121268	18.865	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	111286m	20.306	ug/l	
77) Bromobenzene	12.53	156	88802	18.840	ug/l	98
78) n-propylbenzene	12.59	91	428840	19.482	ug/l	99
79) 2-Chlorotoluene	12.68	91	258694	19.147	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	320545	19.622	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	41994	19.166	ug/l	99
82) 4-Chlorotoluene	12.77	91	260567	18.636	ug/l	99
83) tert-Butylbenzene	12.99	119	270366	19.596	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	320787	20.047	ug/l	99
85) sec-Butylbenzene	13.17	105	357667	19.288	ug/l	100
86) p-Isopropyltoluene	13.29	119	320518	19.424	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	157580	18.773	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	153548	18.489	ug/l	98
89) n-Butylbenzene	13.62	91	271443	18.752	ug/l	100
90) Hexachloroethane	13.88	117	57093	18.270	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	154098	18.975	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24446	17.887	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	85351	18.843	ug/l	98
94) Hexachlorobutadiene	15.01	225	53503	18.286	ug/l	98
95) Naphthalene	15.13	128	237002	19.040	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	87860	18.950	ug/l	99

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

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