

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059354.D
 Acq On : 22 Nov 2019 11:23
 Operator : JC/SP
 Sample : VN1122MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBS01

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 2:43:14 PM

Quant Time: Nov 22 13:55:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 15:26:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	321200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	501004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	450470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	205031	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	176036	45.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.36%	
35) Dibromofluoromethane	7.57	113	141940	47.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.44%	
50) Toluene-d8	10.08	98	569062	47.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.40	95	198040	47.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	93171	22.658	ug/l	99
3) Chloromethane	2.04	50	111782	22.190	ug/l	98
4) Vinyl Chloride	2.17	62	116815	22.523	ug/l	99
5) Bromomethane	2.55	94	64057	22.467	ug/l	98
6) Chloroethane	2.69	64	60154	21.251	ug/l	96
7) Trichlorofluoromethane	3.00	101	120708	21.612	ug/l	100
8) Diethyl Ether	3.39	74	51766	22.671	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	76941	22.529	ug/l	98
10) Methyl Iodide	3.93	142	97187	22.897	ug/l	98
11) Tert butyl alcohol	4.74	59	80358	104.145	ug/l	100
12) 1,1-Dichloroethene	3.71	96	74852	21.592	ug/l	97
13) Acrolein	3.58	56	35088	49.816	ug/l	99
14) Allyl chloride	4.29	41	143918	22.223	ug/l	98
15) Acrylonitrile	4.95	53	220719	108.189	ug/l	100
16) Acetone	3.79	43	245931	142.321	ug/l	100
17) Carbon Disulfide	4.03	76	238516	22.032	ug/l	100
18) Methyl Acetate	4.29	43	128096	22.337	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	256819	22.937	ug/l	100
20) Methylene Chloride	4.52	84	86967	22.315	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	82313	22.404	ug/l	98
22) Diisopropyl ether	5.92	45	277841	22.786	ug/l	97
23) Vinyl Acetate	5.86	43	1061770	110.734	ug/l	100
24) 1,1-Dichloroethane	5.82	63	156096	22.744	ug/l	100
25) 2-Butanone	6.81	43	310344	115.497	ug/l	99
26) 2,2-Dichloropropane	6.80	77	133213	22.416	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	92283	22.262	ug/l	99
28) Bromochloromethane	7.17	49	42528	16.848	ug/l	98
29) Tetrahydrofuran	7.18	42	197168	106.119	ug/l	99
30) Chloroform	7.35	83	145529	21.773	ug/l	100
31) Cyclohexane	7.63	56	147179	21.689	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	125644	21.957	ug/l	99
36) 1,1-Dichloropropene	7.77	75	118120	22.838	ug/l	99
37) Ethyl Acetate	6.90	43	118227	21.269	ug/l	97
38) Carbon Tetrachloride	7.75	117	110632	22.344	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	140987	22.606	ug/l	99
40) Benzene	8.02	78	349957	23.054	ug/l	100
41) Methacrylonitrile	7.15	41	51360m	19.884	ug/l	
42) 1,2-Dichloroethane	8.10	62	113427	22.593	ug/l	99
43) Isopropyl Acetate	8.14	43	187510	22.073	ug/l	99
44) Trichloroethene	8.82	130	87460	22.733	ug/l	98
45) 1,2-Dichloropropane	9.10	63	93348	23.061	ug/l	100
46) Dibromomethane	9.20	93	56876	22.907	ug/l	99
47) Bromodichloromethane	9.39	83	113042	22.733	ug/l	100
48) Methyl methacrylate	9.18	41	82872	21.452	ug/l	98
49) 1,4-Dioxane	9.18	88	27506	470.283	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	578230	116.288	ug/l	100
52) Toluene	10.15	92	212690	23.302	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	132213	22.873	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	145545	23.204	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	82417	23.223	ug/l	99
56) Ethyl methacrylate	10.42	69	123511	21.896	ug/l	98
57) 1,3-Dichloropropane	10.70	76	143895	23.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	176210	95.579	ug/l	99
59) 2-Hexanone	10.75	43	430239	118.165	ug/l	99
60) Dibromochloromethane	10.90	129	87213	23.321	ug/l	98
61) 1,2-Dibromoethane	11.00	107	84454	22.871	ug/l	100
64) Tetrachloroethene	10.63	164	81465	23.383	ug/l	99
65) Chlorobenzene	11.43	112	220424	22.757	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	80420	22.854	ug/l	99
67) Ethyl Benzene	11.51	91	397144	22.964	ug/l	99
68) m/p-Xylenes	11.62	106	297143	46.239	ug/l	99
69) o-Xylene	11.95	106	142625	23.183	ug/l	97
70) Styrene	11.96	104	222583	22.929	ug/l	99
71) Bromoform	12.13	173	59931	22.489	ug/l #	99
73) Isopropylbenzene	12.25	105	383213	22.816	ug/l	100
74) N-amyl acetate	12.07	43	141703	20.993	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	120081	21.613	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	110414m	23.310	ug/l	
77) Bromobenzene	12.53	156	91515	22.464	ug/l	97
78) n-propylbenzene	12.59	91	440296	23.143	ug/l	100
79) 2-Chlorotoluene	12.68	91	261518	22.394	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	318719	22.574	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	42567	22.477	ug/l	96
82) 4-Chlorotoluene	12.78	91	265164	21.943	ug/l	100
83) tert-Butylbenzene	12.99	119	272657	22.865	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	315479	22.810	ug/l	100
85) sec-Butylbenzene	13.17	105	364698	22.755	ug/l	100
86) p-Isopropyltoluene	13.29	119	326984	22.927	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	160809	22.166	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	157603	21.956	ug/l	98
89) n-Butylbenzene	13.62	91	283968	22.697	ug/l	100
90) Hexachloroethane	13.88	117	58740	21.748	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	157141	22.387	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23404	19.813	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84662	21.191	ug/l	99
94) Hexachlorobutadiene	15.01	225	57114	22.585	ug/l	99
95) Naphthalene	15.13	128	211932	19.589	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	83353	20.614	ug/l	98

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

