

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056428.D
 Acq On : 21 Jun 2019 16:02
 Operator : JC/SP
 Sample : VN0621MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0621MBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2019 4:16:17 PM

Quant Time: Jun 24 09:26:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	364964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	575102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	504305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	208367	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	7.59	113	177490	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	10.09	98	690070	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.40	95	228266	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	61953	20.047	ug/l	100
3) Chloromethane	2.06	50	79132	18.806	ug/l	99
4) Vinyl Chloride	2.18	62	79050	19.451	ug/l	100
5) Bromomethane	2.53	94	50320m	21.120	ug/l	
6) Chloroethane	2.68	64	45992	19.541	ug/l	99
7) Trichlorofluoromethane	3.00	101	104642	19.905	ug/l	100
8) Diethyl Ether	3.41	74	46088	20.714	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	65367	19.498	ug/l	99
10) Methyl Iodide	3.95	142	87389	19.286	ug/l	100
11) Tert butyl alcohol	4.80	59	67561	99.169	ug/l	98
12) 1,1-Dichloroethene	3.73	96	64413	19.979	ug/l	99
13) Acrolein	3.60	56	47007	81.867	ug/l	100
14) Allyl chloride	4.32	41	106106	19.771	ug/l	99
15) Acrylonitrile	4.99	53	194524	103.210	ug/l	99
16) Acetone	3.82	43	169125	83.454	ug/l	99
17) Carbon Disulfide	4.05	76	125060	17.054	ug/l	97
18) Methyl Acetate	4.33	43	86872	21.390	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	224796	21.072	ug/l	99
20) Methylene Chloride	4.55	84	77638	19.784	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	70472	20.274	ug/l	97
22) Diisopropyl ether	5.95	45	232305	20.611	ug/l	97
23) Vinyl Acetate	5.90	43	936040	105.293	ug/l	100
24) 1,1-Dichloroethane	5.85	63	132618	20.497	ug/l	99
25) 2-Butanone	6.84	43	266314	99.290	ug/l	98
26) 2,2-Dichloropropane	6.83	77	77272	17.172	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	85066	20.918	ug/l	98
28) Bromochloromethane	7.19	49	69193	21.621	ug/l	100
29) Tetrahydrofuran	7.21	42	175550	107.102	ug/l	100
30) Chloroform	7.37	83	131580	20.610	ug/l	100
31) Cyclohexane	7.65	56	126383	20.234	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	102954	20.345	ug/l	99
36) 1,1-Dichloropropene	7.79	75	95133	18.794	ug/l	98
37) Ethyl Acetate	6.93	43	107293	21.568	ug/l	99
38) Carbon Tetrachloride	7.77	117	84149	19.010	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	118178	18.921	ug/l	100
40) Benzene	8.04	78	311158	19.984	ug/l	99
41) Methacrylonitrile	7.18	41	49374	22.477	ug/l #	82
42) 1,2-Dichloroethane	8.12	62	101893	19.829	ug/l	99
43) Isopropyl Acetate	8.17	43	158291	20.636	ug/l	99
44) Trichloroethene	8.83	130	82657	19.707	ug/l	99
45) 1,2-Dichloropropane	9.12	63	84008	20.174	ug/l	98
46) Dibromomethane	9.21	93	52294	20.073	ug/l	98
47) Bromodichloromethane	9.40	83	89268	19.320	ug/l	98
48) Methyl methacrylate	9.20	41	76306	19.851	ug/l	99
49) 1,4-Dioxane	9.20	88	31432	394.034	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	506263	102.256	ug/l	99
52) Toluene	10.16	92	191035	20.068	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	90731	18.776	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	109509	19.681	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	79297	20.723	ug/l	98
56) Ethyl methacrylate	10.43	69	115773	20.703	ug/l	98
57) 1,3-Dichloropropane	10.71	76	131274	20.422	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	208864	103.967	ug/l	98
59) 2-Hexanone	10.75	43	358934	98.642	ug/l	100
60) Dibromochloromethane	10.90	129	66097	18.387	ug/l	99
61) 1,2-Dibromoethane	11.00	107	79452	20.330	ug/l	98
64) Tetrachloroethene	10.63	164	84204	21.084	ug/l	96
65) Chlorobenzene	11.43	112	202783	20.011	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	68973	20.139	ug/l	98
67) Ethyl Benzene	11.51	91	357712	20.105	ug/l	100
68) m/p-Xylenes	11.62	106	264850	40.617	ug/l	100
69) o-Xylene	11.95	106	133477	20.691	ug/l	98
70) Styrene	11.96	104	216384	20.985	ug/l	100
71) Bromoform	12.13	173	44161	18.122	ug/l #	98
73) Isopropylbenzene	12.25	105	350022	22.116	ug/l	100
74) N-amyl acetate	12.07	43	133700	21.288	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	108918	22.016	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	87592m	21.407	ug/l	
77) Bromobenzene	12.53	156	116566	26.418	ug/l	73
78) n-propylbenzene	12.59	91	366056	20.256	ug/l	99
79) 2-Chlorotoluene	12.67	91	228226	21.595	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	285899	21.744	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21068	18.300	ug/l	95
82) 4-Chlorotoluene	12.77	91	211708	19.841	ug/l	99
83) tert-Butylbenzene	12.99	119	257262	22.241	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	272284	20.496	ug/l	99
85) sec-Butylbenzene	13.17	105	322873	20.328	ug/l	100
86) p-Isopropyltoluene	13.29	119	278177	20.407	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	135878	20.320	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	126324	19.506	ug/l	99
89) n-Butylbenzene	13.61	91	193133	18.716	ug/l	100
90) Hexachloroethane	13.87	117	39212	18.451	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	137063	20.660	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14194	19.439	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	49551	18.346	ug/l	96
94) Hexachlorobutadiene	15.01	225	48693	20.552	ug/l	98
95) Naphthalene	15.13	128	150856	20.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	60204	19.792	ug/l	96

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

