

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
 Data File : VN053498.D
 Acq On : 21 Jan 2019 11:25
 Operator : JC/SP
 Sample : VN0121MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0121MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/22/2019 9:47:20 AM

Quant Time: Jan 22 04:38:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	733165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1089200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	989368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	492563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	367220	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.59	113	336851	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
50) Toluene-d8	10.09	98	1345467	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.40	95	463907	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	117206	19.883	ug/l	98
3) Chloromethane	2.06	50	159146	18.883	ug/l	100
4) Vinyl Chloride	2.19	62	157734	19.416	ug/l	99
5) Bromomethane	2.56	94	109324	19.612	ug/l	100
6) Chloroethane	2.71	64	98207	19.994	ug/l	99
7) Trichlorofluoromethane	3.02	101	217144	20.434	ug/l	98
8) Diethyl Ether	3.41	74	80018	20.049	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	138608	20.596	ug/l	100
10) Methyl Iodide	3.96	142	199312	19.380	ug/l	99
11) Tert butyl alcohol	4.77	59	32157	90.687	ug/l	98
12) 1,1-Dichloroethene	3.74	96	130842	20.045	ug/l	98
13) Acrolein	3.60	56	51926	90.958	ug/l	100
14) Allyl chloride	4.33	41	214386	20.220	ug/l	99
15) Acrylonitrile	4.99	53	229014	98.137	ug/l	99
16) Acetone	3.81	43	168572	99.149	ug/l	99
17) Carbon Disulfide	4.06	76	367981	18.642	ug/l	100
18) Methyl Acetate	4.32	43	113849	19.875	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	348316	20.083	ug/l	100
20) Methylene Chloride	4.55	84	153988	19.838	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	141952	20.341	ug/l	98
22) Diisopropyl ether	5.95	45	457098	20.651	ug/l	97
23) Vinyl Acetate	5.89	43	1352269	99.386	ug/l	99
24) 1,1-Dichloroethane	5.85	63	268512	20.521	ug/l	99
25) 2-Butanone	6.83	43	250854	95.745	ug/l	99
26) 2,2-Dichloropropane	6.82	77	201404	20.386	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	163514	20.490	ug/l	99
28) Bromochloromethane	7.19	49	120786	20.954	ug/l	98
29) Tetrahydrofuran	7.21	42	164709	96.568	ug/l	99
30) Chloroform	7.37	83	268157	21.034	ug/l	98
31) Cyclohexane	7.65	56	250510	19.536	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	224596	20.768	ug/l	99
36) 1,1-Dichloropropene	7.79	75	204233	20.589	ug/l	99
37) Ethyl Acetate	6.92	43	108448	19.003	ug/l	99
38) Carbon Tetrachloride	7.77	117	194038	20.662	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	244406	19.935	ug/l	100
40) Benzene	8.04	78	624554	20.719	ug/l	100
41) Methacrylonitrile	7.17	41	58527	17.696	ug/l #	91
42) 1,2-Dichloroethane	8.12	62	183147	20.856	ug/l	99
43) Isopropyl Acetate	8.16	43	206084	20.083	ug/l	99
44) Trichloroethene	8.83	130	175446	20.988	ug/l	100
45) 1,2-Dichloropropane	9.12	63	166243	20.822	ug/l	99
46) Dibromomethane	9.21	93	91324	19.909	ug/l	97
47) Bromodichloromethane	9.40	83	199836	20.715	ug/l	99
48) Methyl methacrylate	9.19	41	101181	19.096	ug/l	98
49) 1,4-Dioxane	9.20	88	19540	377.617	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	546745	97.601	ug/l	100
52) Toluene	10.15	92	385534	20.602	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	198164	20.266	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	236891	20.667	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	134207	20.801	ug/l	99
56) Ethyl methacrylate	10.43	69	159629	18.774	ug/l	99
57) 1,3-Dichloropropane	10.71	76	231048	20.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	434886	96.350	ug/l	99
59) 2-Hexanone	10.75	43	376417	95.721	ug/l	99
60) Dibromochloromethane	10.90	129	148865	20.343	ug/l	98
61) 1,2-Dibromoethane	11.00	107	130128	19.943	ug/l	99
64) Tetrachloroethene	10.63	164	201560	21.618	ug/l	99
65) Chlorobenzene	11.43	112	434983	20.771	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	150787	20.697	ug/l	100
67) Ethyl Benzene	11.51	91	727409	20.382	ug/l	99
68) m/p-Xylenes	11.62	106	567806	42.138	ug/l	98
69) o-Xylene	11.95	106	271638	20.746	ug/l	98
70) Styrene	11.96	104	445420	20.961	ug/l	99
71) Bromoform	12.12	173	101817	20.300	ug/l #	99
73) Isopropylbenzene	12.25	105	721485	20.002	ug/l	99
74) N-amyl acetate	12.07	43	177703	18.481	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	137931	18.233	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	122020m	18.798	ug/l	
77) Bromobenzene	12.52	156	188236	19.804	ug/l	99
78) n-propylbenzene	12.59	91	837613	20.230	ug/l	100
79) 2-Chlorotoluene	12.67	91	493689	20.116	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	601692	20.502	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	42536	18.277	ug/l	95
82) 4-Chlorotoluene	12.77	91	506860	20.252	ug/l	100
83) tert-Butylbenzene	12.99	119	529744	20.437	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	613955	20.747	ug/l	100
85) sec-Butylbenzene	13.17	105	727220	20.457	ug/l	99
86) p-Isopropyltoluene	13.29	119	639555	20.720	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	342228	20.469	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	337629	20.132	ug/l	99
89) n-Butylbenzene	13.61	91	525378	19.968	ug/l	99
90) Hexachloroethane	13.87	117	95203	19.666	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	324594	21.103	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19762	20.602	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	132563	21.218	ug/l	98
94) Hexachlorobutadiene	15.01	225	110507	23.031	ug/l	99
95) Naphthalene	15.13	128	197601	19.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	90350	20.677	ug/l	99

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

