

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090219\
 Data File : VN057637.D
 Acq On : 1 Sep 2019 12:15
 Operator : JC/SP
 Sample : VN0902MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 11:02:50 AM

Quant Time: Sep 02 02:09:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	186350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	322386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	288034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	114275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	221084	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
35) Dibromofluoromethane	7.58	113	141852	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.08	98	551204	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	188609	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	61924	20.780	ug/l	99
3) Chloromethane	2.05	50	73779	21.477	ug/l	100
4) Vinyl Chloride	2.18	62	58090	21.589	ug/l	97
5) Bromomethane	2.51	94	34678	20.369	ug/l	96
6) Chloroethane	2.67	64	31759	21.131	ug/l	99
7) Trichlorofluoromethane	3.00	101	80687	21.363	ug/l	99
8) Diethyl Ether	3.40	74	26123	20.901	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	40156	20.971	ug/l	98
10) Methyl Iodide	3.93	142	49883	20.177	ug/l	99
11) Tert butyl alcohol	4.81	59	45615	103.313	ug/l #	89
12) 1,1-Dichloroethene	3.71	96	35766	20.605	ug/l	96
13) Acrolein	3.59	56	16676	94.992	ug/l	97
14) Allyl chloride	4.29	41	107004	19.760	ug/l	98
15) Acrylonitrile	4.98	53	140110	105.754	ug/l	99
16) Acetone	3.81	43	120410	102.063	ug/l	95
17) Carbon Disulfide	4.02	76	107483	19.154	ug/l	99
18) Methyl Acetate	4.31	43	85832	21.189	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	187732	20.905	ug/l	100
20) Methylene Chloride	4.53	84	62349	21.347	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	54461	21.104	ug/l	98
22) Diisopropyl ether	5.94	45	232927	20.925	ug/l	99
23) Vinyl Acetate	5.88	43	887696	103.762	ug/l	100
24) 1,1-Dichloroethane	5.82	63	118433	21.195	ug/l	99
25) 2-Butanone	6.83	43	207828	105.719	ug/l	97
26) 2,2-Dichloropropane	6.81	77	89628	20.067	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	63237	20.521	ug/l	98
28) Bromochloromethane	7.18	49	65677	22.071	ug/l	99
29) Tetrahydrofuran	7.20	42	129785	105.232	ug/l	100
30) Chloroform	7.36	83	115694	20.409	ug/l	95
31) Cyclohexane	7.63	56	115722	20.750	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	96181	20.684	ug/l	98
36) 1,1-Dichloropropene	7.78	75	84105	19.678	ug/l	100
37) Ethyl Acetate	6.92	43	83505	20.510	ug/l #	96
38) Carbon Tetrachloride	7.76	117	73978	19.336	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	98292	19.464	ug/l	99
40) Benzene	8.03	78	248006	19.933	ug/l	97
41) Methacrylonitrile	7.16	41	44323	20.817	ug/l	93
42) 1,2-Dichloroethane	8.11	62	103195	20.421	ug/l	99
43) Isopropyl Acetate	8.16	43	145536	19.868	ug/l	99
44) Trichloroethene	8.82	130	55769	19.759	ug/l	99
45) 1,2-Dichloropropane	9.11	63	68605	19.796	ug/l	99
46) Dibromomethane	9.20	93	42192	19.663	ug/l	99
47) Bromodichloromethane	9.39	83	83728	19.206	ug/l	95
48) Methyl methacrylate	9.19	41	73359	19.616	ug/l	99
49) 1,4-Dioxane	9.20	88	17475	399.037	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	428504	102.066	ug/l	100
52) Toluene	10.15	92	149944	20.391	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	81705	18.916	ug/l	94
54) cis-1,3-Dichloropropene	9.83	75	95114	18.948	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	54721	19.613	ug/l	99
56) Ethyl methacrylate	10.43	69	89455	19.213	ug/l	100
57) 1,3-Dichloropropane	10.71	76	102442	20.013	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	115013	84.435	ug/l	99
59) 2-Hexanone	10.75	43	297375	96.455	ug/l	98
60) Dibromochloromethane	10.90	129	49792	18.670	ug/l	97
61) 1,2-Dibromoethane	11.00	107	55505	19.758	ug/l	98
64) Tetrachloroethene	10.63	164	52151	20.910	ug/l	98
65) Chlorobenzene	11.43	112	143412	19.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	46971	18.660	ug/l	96
67) Ethyl Benzene	11.51	91	290470	20.713	ug/l	99
68) m/p-Xylenes	11.62	106	199124	40.305	ug/l	100
69) o-Xylene	11.95	106	95531	19.952	ug/l	98
70) Styrene	11.96	104	153337	19.458	ug/l	97
71) Bromoform	12.13	173	26817	18.771	ug/l #	100
73) Isopropylbenzene	12.25	105	264669	22.940	ug/l	100
74) N-amyl acetate	12.07	43	122478	22.494	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	76636	22.537	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	71733m	23.864	ug/l	
77) Bromobenzene	12.53	156	55577	22.632	ug/l	98
78) n-propylbenzene	12.59	91	285400	22.225	ug/l	98
79) 2-Chlorotoluene	12.68	91	180074	22.488	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	216264	22.784	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	16474	18.786	ug/l	92
82) 4-Chlorotoluene	12.77	91	164832	20.796	ug/l	100
83) tert-Butylbenzene	12.99	119	184276	22.881	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	202197	22.019	ug/l	98
85) sec-Butylbenzene	13.17	105	231524	21.372	ug/l	100
86) p-Isopropyltoluene	13.29	119	189442	21.146	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	81720	20.427	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	76316	19.749	ug/l	99
89) n-Butylbenzene	13.62	91	182647	21.755	ug/l	99
90) Hexachloroethane	13.88	117	31518	20.264	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	78042	20.443	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10558	20.164	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	23477	20.114	ug/l	97
94) Hexachlorobutadiene	15.01	225	26657	20.348	ug/l	96
95) Naphthalene	15.13	128	69801	19.190	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	22129	19.041	ug/l	94

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

