

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012220\
 Data File : VN059825.D
 Acq On : 22 Jan 2020 12:26
 Operator : JC/MD
 Sample : VN0122MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0122MBS01

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 10:14:37 AM

Quant Time: Jan 22 18:21:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	317323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	285228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	118945	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.56	113	99782	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	10.08	98	379526	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.40	95	132075	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45023	18.076	ug/l	97
3) Chloromethane	2.04	50	42095	17.726	ug/l	100
4) Vinyl Chloride	2.17	62	52969	19.494	ug/l	95
5) Bromomethane	2.54	94	33418	20.153	ug/l	98
6) Chloroethane	2.68	64	24849	19.330	ug/l	96
7) Trichlorofluoromethane	3.00	101	64144	19.657	ug/l	99
8) Diethyl Ether	3.38	74	24054	21.004	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37433	20.611	ug/l	91
10) Methyl Iodide	3.93	142	55765	18.996	ug/l	95
11) Tert butyl alcohol	4.73	59	38613	99.571	ug/l	98
12) 1,1-Dichloroethene	3.72	96	35187	18.541	ug/l	88
13) Acrolein	3.58	56	24142	87.946	ug/l	95
14) Allyl chloride	4.29	41	49160	19.218	ug/l #	86
15) Acrylonitrile	4.95	53	89558	101.243	ug/l	100
16) Acetone	3.78	43	94380	114.708	ug/l	96
17) Carbon Disulfide	4.03	76	93246	17.248	ug/l	100
18) Methyl Acetate	4.29	43	54923	20.412	ug/l #	90
19) Methyl tert-butyl Ether	5.00	73	127158	20.551	ug/l	94
20) Methylene Chloride	4.52	84	41454	19.091	ug/l	87
21) trans-1,2-Dichloroethene	5.01	96	38617	19.143	ug/l	89
22) Diisopropyl ether	5.91	45	114144	19.691	ug/l #	93
23) Vinyl Acetate	5.86	43	441677	98.410	ug/l #	94
24) 1,1-Dichloroethane	5.81	63	69336	19.575	ug/l	96
25) 2-Butanone	6.80	43	123903	94.982	ug/l #	89
26) 2,2-Dichloropropane	6.79	77	66255	19.457	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	45977	19.816	ug/l	88
28) Bromochloromethane	7.17	49	29590	20.902	ug/l #	72
29) Tetrahydrofuran	7.18	42	76650	94.968	ug/l #	87
30) Chloroform	7.35	83	73482	20.023	ug/l	97
31) Cyclohexane	7.63	56	61495	18.043	ug/l	86
32) 1,1,1-Trichloroethane	7.54	97	67605	19.923	ug/l	95
36) 1,1-Dichloropropene	7.77	75	52278	18.918	ug/l	95
37) Ethyl Acetate	6.90	43	50309	19.411	ug/l	97
38) Carbon Tetrachloride	7.75	117	58871	19.585	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	64403	18.901	ug/l	90
40) Benzene	8.02	78	160688	19.498	ug/l	100
41) Methacrylonitrile	7.15	41	22428m	17.568	ug/l	
42) 1,2-Dichloroethane	8.10	62	58087	20.788	ug/l	96
43) Isopropyl Acetate	8.14	43	85236	19.120	ug/l #	92
44) Trichloroethene	8.82	130	47203	20.981	ug/l	88
45) 1,2-Dichloropropane	9.10	63	41375	20.289	ug/l	96
46) Dibromomethane	9.19	93	29178	20.283	ug/l	89
47) Bromodichloromethane	9.39	83	59417	20.496	ug/l	99
48) Methyl methacrylate	9.18	41	37110	18.610	ug/l	86
49) 1,4-Dioxane	9.18	88	15917	436.036	ug/l	90
51) 4-Methyl-2-Pentanone	9.97	43	249864	96.958	ug/l	95
52) Toluene	10.14	92	103589	19.899	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	65335	20.184	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	69823	20.501	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	41472	20.115	ug/l	98
56) Ethyl methacrylate	10.42	69	60163	19.097	ug/l	92
57) 1,3-Dichloropropane	10.70	76	69788	21.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	105985	111.694	ug/l	91
59) 2-Hexanone	10.74	43	183326	96.563	ug/l	95
60) Dibromochloromethane	10.89	129	50119	21.347	ug/l	98
61) 1,2-Dibromoethane	10.99	107	44614	20.646	ug/l	98
64) Tetrachloroethene	10.62	164	47485	20.427	ug/l	96
65) Chlorobenzene	11.43	112	113077	20.170	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	45320	20.921	ug/l	98
67) Ethyl Benzene	11.50	91	201150	19.765	ug/l	96
68) m/p-Xylenes	11.62	106	153887	40.030	ug/l	92
69) o-Xylene	11.94	106	74605	19.823	ug/l	94
70) Styrene	11.96	104	120360	19.111	ug/l	97
71) Bromoform	12.12	173	35593	20.512	ug/l #	96
73) Isopropylbenzene	12.24	105	201513	20.557	ug/l	100
74) N-amyl acetate	12.07	43	70284	18.477	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	57582	20.262	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	52534m	23.355	ug/l	
77) Bromobenzene	12.52	156	50847	20.483	ug/l	81
78) n-propylbenzene	12.59	91	222988	20.267	ug/l	97
79) 2-Chlorotoluene	12.67	91	130928	20.003	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	166912	20.246	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.29	75	20351	19.429	ug/l	94
82) 4-Chlorotoluene	12.77	91	132297	20.151	ug/l	94
83) tert-Butylbenzene	12.99	119	143729	20.158	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	166916	20.465	ug/l	98
85) sec-Butylbenzene	13.17	105	188034	20.072	ug/l	98
86) p-Isopropyltoluene	13.28	119	173365	20.000	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	89926	20.854	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	88066	20.472	ug/l	97
89) n-Butylbenzene	13.61	91	145438	19.678	ug/l	98
90) Hexachloroethane	13.87	117	32385	19.969	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	87355	20.491	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12150	18.608	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	51238	20.003	ug/l	98
94) Hexachlorobutadiene	15.01	225	28579	20.246	ug/l	99
95) Naphthalene	15.13	128	137939	18.932	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	49644	19.911	ug/l	100

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

