

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030320\
 Data File : VN060320.D
 Acq On : 3 Mar 2020 11:40
 Operator : JC/MD
 Sample : VN0303MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0303MBS01

Manual Integrations
 APPROVED

MMDadoda
 3/4/2020 10:44:06 AM

Quant Time: Mar 04 01:41:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	324692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144215	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	126329	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	7.57	113	85910	57.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.00%	
50) Toluene-d8	10.08	98	364550	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.40	95	135111	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	31651	17.373	ug/l	98
3) Chloromethane	2.04	50	55806	17.594	ug/l	99
4) Vinyl Chloride	2.16	62	45591	16.760	ug/l	98
5) Bromomethane	2.55	94	16494	13.300	ug/l	97
6) Chloroethane	2.69	64	25001	16.963	ug/l	96
7) Trichlorofluoromethane	3.00	101	59326	17.070	ug/l	98
8) Diethyl Ether	3.38	74	23792	18.131	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35087	17.839	ug/l	98
10) Methyl Iodide	3.93	142	31281	17.426	ug/l	99
11) Tert butyl alcohol	4.73	59	31899	84.265	ug/l	98
12) 1,1-Dichloroethene	3.72	96	34269	17.902	ug/l	97
13) Acrolein	3.58	56	30961	87.669	ug/l	100
14) Allyl chloride	4.29	41	63475	18.034	ug/l	99
15) Acrylonitrile	4.95	53	91747	91.949	ug/l	98
16) Acetone	3.78	43	74981	91.076	ug/l	99
17) Carbon Disulfide	4.03	76	88703	17.045	ug/l	99
18) Methyl Acetate	4.29	43	46177	16.807	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	129628	18.703	ug/l	99
20) Methylene Chloride	4.52	84	40028	17.704	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	37364	17.944	ug/l	98
22) Diisopropyl ether	5.91	45	133776	18.763	ug/l	96
23) Vinyl Acetate	5.86	43	531386	93.794	ug/l	99
24) 1,1-Dichloroethane	5.82	63	74225	18.391	ug/l	99
25) 2-Butanone	6.80	43	121497	91.365	ug/l	99
26) 2,2-Dichloropropane	6.80	77	65059	17.707	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	45317	17.285	ug/l	99
28) Bromochloromethane	7.17	49	31076	18.754	ug/l	97
29) Tetrahydrofuran	7.18	42	83113	89.880	ug/l	99
30) Chloroform	7.35	83	75423	18.773	ug/l	100
31) Cyclohexane	7.63	56	65706	18.226	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	64874	18.225	ug/l	100
36) 1,1-Dichloropropene	7.77	75	53601	17.322	ug/l	99
37) Ethyl Acetate	6.90	43	55066	18.793	ug/l	99
38) Carbon Tetrachloride	7.75	117	53394	17.722	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	63955	17.529	ug/l	100
40) Benzene	8.02	78	163317	18.133	ug/l	98
41) Methacrylonitrile	7.14	41	25618	18.935	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	61767	19.005	ug/l	100
43) Isopropyl Acetate	8.14	43	95557	18.628	ug/l	99
44) Trichloroethene	8.82	130	44602	17.781	ug/l	97
45) 1,2-Dichloropropane	9.10	63	44497	18.896	ug/l	100
46) Dibromomethane	9.19	93	28123	18.406	ug/l	98
47) Bromodichloromethane	9.39	83	59406	19.116	ug/l	98
48) Methyl methacrylate	9.18	41	41825	17.880	ug/l	98
49) 1,4-Dioxane	9.18	88	10934	332.391	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	267241	91.886	ug/l	99
52) Toluene	10.14	92	100930	17.840	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	68430	17.971	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	72054	18.261	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	41761	18.355	ug/l	98
56) Ethyl methacrylate	10.42	69	59559	18.221	ug/l	97
57) 1,3-Dichloropropane	10.70	76	71092	19.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	150164	87.839	ug/l	99
59) 2-Hexanone	10.74	43	191600	89.725	ug/l	99
60) Dibromochloromethane	10.89	129	43124	18.638	ug/l	99
61) 1,2-Dibromoethane	10.99	107	40640	18.324	ug/l	98
64) Tetrachloroethene	10.62	164	47779	19.528	ug/l	97
65) Chlorobenzene	11.43	112	107523	17.892	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	41119	18.505	ug/l	99
67) Ethyl Benzene	11.51	91	197661	18.061	ug/l	98
68) m/p-Xylenes	11.62	106	147992	35.841	ug/l	100
69) o-Xylene	11.94	106	71780	18.230	ug/l	99
70) Styrene	11.96	104	113938	17.600	ug/l	99
71) Bromoform	12.12	173	29235	18.255	ug/l #	99
73) Isopropylbenzene	12.25	105	193690	18.120	ug/l	99
74) N-amyl acetate	12.06	43	81347	17.416	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	53044	18.256	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	47049m	14.870	ug/l	
77) Bromobenzene	12.52	156	47705	18.207	ug/l	96
78) n-propylbenzene	12.59	91	226117	18.047	ug/l	99
79) 2-Chlorotoluene	12.67	91	130657	17.740	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	163420	18.158	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	20049	17.492	ug/l #	86
82) 4-Chlorotoluene	12.77	91	135557	17.469	ug/l	100
83) tert-Butylbenzene	12.99	119	138688	17.799	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	164124	18.068	ug/l	100
85) sec-Butylbenzene	13.17	105	186825	17.905	ug/l	99
86) p-Isopropyltoluene	13.28	119	171111	17.718	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	83314	18.385	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	84110	18.572	ug/l	99
89) n-Butylbenzene	13.61	91	156302	17.631	ug/l	100
90) Hexachloroethane	13.87	117	22121	15.825	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	82196	17.903	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11754	17.864	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	53046	18.239	ug/l	99
94) Hexachlorobutadiene	15.01	225	26271	19.238	ug/l	99
95) Naphthalene	15.13	128	152319	17.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	50833	18.387	ug/l	100

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

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