

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059982.D
 Acq On : 3 Feb 2020 18:05
 Operator : JC/MD
 Sample : VN0203MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203MBS01

Manual Integrations
 APPROVED

MMDadoda
 2/4/2020 11:20:45 AM

Quant Time: Feb 04 04:14:30 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	191082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	304082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135804	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	111395	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	7.57	113	92915	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	10.08	98	344964	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	128354	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	35103	15.218	ug/l	100
3) Chloromethane	2.04	50	37842	17.298	ug/l	99
4) Vinyl Chloride	2.17	62	47634	19.030	ug/l	98
5) Bromomethane	2.55	94	27843	18.227	ug/l	97
6) Chloroethane	2.69	64	21757	18.373	ug/l	99
7) Trichlorofluoromethane	3.00	101	56641	18.843	ug/l	96
8) Diethyl Ether	3.39	74	20619	19.545	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.74	101	31424	18.783	ug/l	92
10) Methyl Iodide	3.93	142	42551	15.735	ug/l	95
11) Tert butyl alcohol	4.73	59	36075	100.985	ug/l	97
12) 1,1-Dichloroethene	3.72	96	31734	18.152	ug/l	90
13) Acrolein	3.58	56	15677	61.995	ug/l	96
14) Allyl chloride	4.29	41	45592	19.348	ug/l #	88
15) Acrylonitrile	4.95	53	84298	103.450	ug/l	99
16) Acetone	3.78	43	74638	96.999	ug/l	96
17) Carbon Disulfide	4.03	76	74539	14.968	ug/l	99
18) Methyl Acetate	4.29	43	51876	20.929	ug/l	92
19) Methyl tert-butyl Ether	5.01	73	116766	20.486	ug/l	96
20) Methylene Chloride	4.53	84	38177	19.085	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	33531	18.044	ug/l	92
22) Diisopropyl ether	5.92	45	107714	20.171	ug/l	96
23) Vinyl Acetate	5.86	43	419399	101.441	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	64197	19.675	ug/l	97
25) 2-Butanone	6.80	43	113381	94.352	ug/l	91
26) 2,2-Dichloropropane	6.80	77	59673	19.023	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	42491	19.880	ug/l	90
28) Bromochloromethane	7.17	49	25723	19.725	ug/l #	75
29) Tetrahydrofuran	7.18	42	75035	100.921	ug/l	89
30) Chloroform	7.35	83	67922	20.091	ug/l	99
31) Cyclohexane	7.63	56	54560	17.378	ug/l #	88
32) 1,1,1-Trichloroethane	7.55	97	61953	19.820	ug/l	97
36) 1,1-Dichloropropene	7.77	75	47791	18.048	ug/l	96
37) Ethyl Acetate	6.90	43	48492	19.525	ug/l	97
38) Carbon Tetrachloride	7.75	117	53961	18.733	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	55369	16.958	ug/l	92
40) Benzene	8.02	78	145159	18.380	ug/l	98
41) Methacrylonitrile	7.15	41	19136m	15.642	ug/l	
42) 1,2-Dichloroethane	8.10	62	53294	19.903	ug/l	97
43) Isopropyl Acetate	8.14	43	82539	19.321	ug/l #	95
44) Trichloroethene	8.82	130	40616	18.839	ug/l	92
45) 1,2-Dichloropropane	9.10	63	37268	19.070	ug/l	98
46) Dibromomethane	9.19	93	26444	19.183	ug/l	91
47) Bromodichloromethane	9.39	83	53954	19.422	ug/l	99
48) Methyl methacrylate	9.18	41	35075	18.356	ug/l	90
49) 1,4-Dioxane	9.18	88	13313	380.582	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	246257	99.719	ug/l	95
52) Toluene	10.14	92	92769	18.597	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	60478	19.498	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	63650	19.502	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	38404	19.438	ug/l	97
56) Ethyl methacrylate	10.42	69	56756	18.800	ug/l	93
57) 1,3-Dichloropropane	10.70	76	63184	20.144	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	95035	104.515	ug/l	93
59) 2-Hexanone	10.74	43	179135	98.464	ug/l	95
60) Dibromochloromethane	10.89	129	44426	19.746	ug/l	99
61) 1,2-Dibromoethane	11.00	107	40745	19.676	ug/l	99
64) Tetrachloroethene	10.62	164	36849	16.008	ug/l	95
65) Chlorobenzene	11.43	112	103512	18.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40668	18.959	ug/l	97
67) Ethyl Benzene	11.51	91	184253	18.284	ug/l	98
68) m/p-Xylenes	11.62	106	137468	36.113	ug/l	95
69) o-Xylene	11.94	106	67327	18.066	ug/l	95
70) Styrene	11.96	104	108490	17.397	ug/l	98
71) Bromoform	12.12	173	32193	18.737	ug/l #	97
73) Isopropylbenzene	12.25	105	182018	18.275	ug/l	100
74) N-amyl acetate	12.07	43	69883	18.082	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	56435	19.546	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	51887m	22.703	ug/l	
77) Bromobenzene	12.52	156	47239	18.729	ug/l	82
78) n-propylbenzene	12.59	91	204323	18.278	ug/l	97
79) 2-Chlorotoluene	12.67	91	120492	18.118	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	150574	17.976	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	19798	18.603	ug/l	96
82) 4-Chlorotoluene	12.77	91	124805	18.710	ug/l	97
83) tert-Butylbenzene	12.99	119	130194	17.972	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	151915	18.332	ug/l	100
85) sec-Butylbenzene	13.17	105	171960	18.067	ug/l	100
86) p-Isopropyltoluene	13.29	119	157050	17.832	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	81992	18.715	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	80468	18.411	ug/l	98
89) n-Butylbenzene	13.61	91	136210	18.139	ug/l	98
90) Hexachloroethane	13.87	117	29047	17.628	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	80097	18.493	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12509	18.885	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	49201	18.905	ug/l	99
94) Hexachlorobutadiene	15.01	225	24335	16.968	ug/l	99
95) Naphthalene	15.13	128	140476	18.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47614	18.795	ug/l	100

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

