

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021420\
 Data File : VN060104.D
 Acq On : 14 Feb 2020 12:40
 Operator : JC/MD
 Sample : VN0214MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0214MBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/18/2020 9:30:29 AM

Quant Time: Feb 15 03:00:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	183942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	292055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	274125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129232	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	120096	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	7.56	113	91662	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.08	98	356801	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.40	95	128138	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	36030	19.596	ug/l	100
3) Chloromethane	2.04	50	43101	19.699	ug/l	99
4) Vinyl Chloride	2.17	62	47122	18.894	ug/l	97
5) Bromomethane	2.55	94	28631	18.722	ug/l	98
6) Chloroethane	2.69	64	24386	19.332	ug/l	100
7) Trichlorofluoromethane	3.00	101	58006	18.040	ug/l	99
8) Diethyl Ether	3.38	74	22039	20.590	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33214	18.605	ug/l	97
10) Methyl Iodide	3.93	142	43349	19.658	ug/l	100
11) Tert butyl alcohol	4.72	59	32291	96.407	ug/l	100
12) 1,1-Dichloroethene	3.72	96	32599	18.745	ug/l	98
13) Acrolein	3.58	56	25085	75.769	ug/l	96
14) Allyl chloride	4.30	41	49172	19.210	ug/l	98
15) Acrylonitrile	4.94	53	86268	105.465	ug/l	99
16) Acetone	3.78	43	88993	91.152	ug/l	99
17) Carbon Disulfide	4.03	76	96651	18.438	ug/l	99
18) Methyl Acetate	4.29	43	38646	21.072	ug/l	96
19) Methyl tert-butyl Ether	5.00	73	115250	19.706	ug/l	99
20) Methylene Chloride	4.52	84	37412	19.207	ug/l	95
21) trans-1,2-Dichloroethene	5.01	96	35957	18.967	ug/l	99
22) Diisopropyl ether	5.91	45	116381	20.746	ug/l	98
23) Vinyl Acetate	5.86	43	489514	103.910	ug/l	99
24) 1,1-Dichloroethane	5.81	63	66038	19.432	ug/l	99
25) 2-Butanone	6.80	43	122415	99.695	ug/l	97
26) 2,2-Dichloropropane	6.79	77	60778	18.829	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	41458	18.686	ug/l	98
28) Bromochloromethane	7.17	49	28650	21.444	ug/l	93
29) Tetrahydrofuran	7.18	42	76610	101.701	ug/l	96
30) Chloroform	7.35	83	67919	19.079	ug/l	99
31) Cyclohexane	7.63	56	62135	19.628	ug/l	94
32) 1,1,1-Trichloroethane	7.54	97	59588	18.317	ug/l	98
36) 1,1-Dichloropropene	7.77	75	50695	18.740	ug/l	99
37) Ethyl Acetate	6.90	43	50680	20.730	ug/l	99
38) Carbon Tetrachloride	7.75	117	52277	17.794	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	62731	18.681	ug/l	99
40) Benzene	8.02	78	151756	18.912	ug/l	98
41) Methacrylonitrile	7.14	41	20081m	19.586	ug/l	
42) 1,2-Dichloroethane	8.10	62	55539	19.748	ug/l	98
43) Isopropyl Acetate	8.14	43	86589	20.719	ug/l	97
44) Trichloroethene	8.82	130	39935	17.973	ug/l	93
45) 1,2-Dichloropropane	9.10	63	40091	20.180	ug/l	97
46) Dibromomethane	9.19	93	26842	19.119	ug/l	97
47) Bromodichloromethane	9.39	83	54232	19.000	ug/l	99
48) Methyl methacrylate	9.18	41	35773	19.078	ug/l	98
49) 1,4-Dioxane	9.18	88	12604	393.414	ug/l	94
51) 4-Methyl-2-Pentanone	9.97	43	245638	101.545	ug/l	99
52) Toluene	10.14	92	95208	18.502	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	62346	19.351	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	66583	19.626	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	37746	18.802	ug/l	96
56) Ethyl methacrylate	10.42	69	54962	19.354	ug/l	96
57) 1,3-Dichloropropane	10.70	76	63754	19.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	137324	103.797	ug/l	98
59) 2-Hexanone	10.74	43	182112	97.458	ug/l	99
60) Dibromochloromethane	10.89	129	42179	18.309	ug/l	100
61) 1,2-Dibromoethane	10.99	107	38464	18.278	ug/l	98
64) Tetrachloroethene	10.62	164	35419	16.997	ug/l	99
65) Chlorobenzene	11.43	112	100807	18.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	39173	18.541	ug/l	98
67) Ethyl Benzene	11.50	91	183707	18.238	ug/l	100
68) m/p-Xylenes	11.61	106	137962	36.493	ug/l	99
69) o-Xylene	11.94	106	65863	18.094	ug/l	99
70) Styrene	11.96	104	106142	18.083	ug/l	99
71) Bromoform	12.12	173	29639	17.442	ug/l #	97
73) Isopropylbenzene	12.25	105	180001	18.652	ug/l	99
74) N-amyl acetate	12.06	43	72643	20.875	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	54681	19.686	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	49511m	20.025	ug/l	
77) Bromobenzene	12.52	156	44262	18.482	ug/l	96
78) n-propylbenzene	12.59	91	204814	18.628	ug/l	99
79) 2-Chlorotoluene	12.67	91	120228	18.604	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	148582	18.518	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	18967	18.783	ug/l	97
82) 4-Chlorotoluene	12.77	91	123291	18.595	ug/l	99
83) tert-Butylbenzene	12.99	119	127592	17.976	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	148047	18.692	ug/l	100
85) sec-Butylbenzene	13.17	105	171427	18.236	ug/l	99
86) p-Isopropyltoluene	13.28	119	156885	18.420	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	78145	18.433	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	77845	18.366	ug/l	99
89) n-Butylbenzene	13.61	91	139756	18.656	ug/l	99
90) Hexachloroethane	13.87	117	28020	17.610	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	76202	18.367	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	11034	18.191	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	45439	18.640	ug/l	99
94) Hexachlorobutadiene	15.01	225	25286	17.719	ug/l	99
95) Naphthalene	15.13	128	126685	19.239	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	45899	18.907	ug/l	99

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

