

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
 Data File : VN052945.D
 Acq On : 18 Dec 2018 00:05
 Operator : MD\SY
 Sample : VN1217MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217MBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 1:33:58 PM

Quant Time: Dec 18 06:42:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1032558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1607206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1418565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	656209	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	555927	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	7.59	113	351374	39.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.34%	
50) Toluene-d8	10.09	98	1980404	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.40	95	669780	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	199857	18.803	ug/l	99
3) Chloromethane	2.06	50	242694	19.024	ug/l	100
4) Vinyl Chloride	2.19	62	250866	19.656	ug/l	99
5) Bromomethane	2.58	94	162078	20.589	ug/l	100
6) Chloroethane	2.71	64	147405	19.540	ug/l	97
7) Trichlorofluoromethane	3.03	101	317122	20.042	ug/l	100
8) Diethyl Ether	3.41	74	123135	21.333	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	196538	20.041	ug/l	100
10) Methyl Iodide	3.96	142	274775	20.007	ug/l	99
11) Tert butyl alcohol	4.78	59	66939	109.117	ug/l	96
12) 1,1-Dichloroethene	3.74	96	192424	20.270	ug/l	98
13) Acrolein	3.61	56	37839	65.513	ug/l	99
14) Allyl chloride	4.33	41	293123	18.904	ug/l	99
15) Acrylonitrile	4.99	53	360339	104.702	ug/l	99
16) Acetone	3.82	43	235960	95.693	ug/l	99
17) Carbon Disulfide	4.06	76	564642	19.361	ug/l	99
18) Methyl Acetate	4.32	43	196858	21.753	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	545368	21.161	ug/l	100
20) Methylene Chloride	4.55	84	217429	19.594	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	202832	19.721	ug/l	99
22) Diisopropyl ether	5.95	45	664809	20.097	ug/l	98
23) Vinyl Acetate	5.90	43	1968629	100.013	ug/l	98
24) 1,1-Dichloroethane	5.85	63	386674	20.270	ug/l	99
25) 2-Butanone	6.83	43	374704	97.934	ug/l	98
26) 2,2-Dichloropropane	6.83	77	246421	17.541	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	235634	20.186	ug/l	98
28) Bromochloromethane	7.20	49	184367	21.523	ug/l	96
29) Tetrahydrofuran	7.21	42	266654	102.088	ug/l	98
30) Chloroform	7.37	83	376526	20.241	ug/l	99
31) Cyclohexane	7.66	56	360520	19.018	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	313224	20.125	ug/l	100
36) 1,1-Dichloropropene	7.79	75	288268	19.477	ug/l	99
37) Ethyl Acetate	6.93	43	179956	20.240	ug/l	99
38) Carbon Tetrachloride	7.78	117	266135	19.536	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	343088	18.890	ug/l	97
40) Benzene	8.04	78	888540	20.003	ug/l	98
41) Methacrylonitrile	7.17	41	104076	21.127	ug/l	96
42) 1,2-Dichloroethane	8.12	62	259408	19.398	ug/l	99
43) Isopropyl Acetate	8.17	43	361450	19.828	ug/l	98
44) Trichloroethene	8.84	130	250544	20.881	ug/l	98
45) 1,2-Dichloropropane	9.12	63	234754	20.177	ug/l	99
46) Dibromomethane	9.21	93	137616	20.395	ug/l	98
47) Bromodichloromethane	9.40	83	284768	20.351	ug/l	99
48) Methyl methacrylate	9.20	41	167182	20.913	ug/l	98
49) 1,4-Dioxane	9.20	88	39461	434.873	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	888589	106.306	ug/l	100
52) Toluene	10.16	92	537722	19.987	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	294472	20.914	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	338743	20.189	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	198295	20.647	ug/l	97
56) Ethyl methacrylate	10.43	69	269146	21.837	ug/l	98
57) 1,3-Dichloropropane	10.71	76	336895	20.456	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	747541	108.699	ug/l	98
59) 2-Hexanone	10.75	43	591069	103.181	ug/l	99
60) Dibromochloromethane	10.90	129	212470	20.470	ug/l	99
61) 1,2-Dibromoethane	11.00	107	198555	20.916	ug/l	99
64) Tetrachloroethene	10.63	164	291036	23.871	ug/l	99
65) Chlorobenzene	11.43	112	595160	20.223	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	211060	20.621	ug/l	100
67) Ethyl Benzene	11.51	91	1023492	20.251	ug/l	99
68) m/p-Xylenes	11.62	106	775933	40.887	ug/l	100
69) o-Xylene	11.95	106	378802	20.441	ug/l	99
70) Styrene	11.96	104	620703	20.836	ug/l	99
71) Bromoform	12.13	173	146863	21.120	ug/l #	99
73) Isopropylbenzene	12.25	105	1007631	20.566	ug/l	100
74) N-amyl acetate	12.07	43	301635	22.425	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	208394	18.979	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	193376m	19.973	ug/l	
77) Bromobenzene	12.53	156	257866	20.693	ug/l	100
78) n-propylbenzene	12.59	91	1136667	20.342	ug/l	99
79) 2-Chlorotoluene	12.67	91	669722	20.273	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	815862	20.628	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	64592	21.432	ug/l	98
82) 4-Chlorotoluene	12.77	91	682208	20.198	ug/l	99
83) tert-Butylbenzene	12.99	119	720386	20.648	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	826615	20.645	ug/l	100
85) sec-Butylbenzene	13.17	105	955766	20.228	ug/l	99
86) p-Isopropyltoluene	13.29	119	838925	20.494	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	450680	20.351	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	445683	20.322	ug/l	99
89) n-Butylbenzene	13.62	91	692191	20.086	ug/l	100
90) Hexachloroethane	13.88	117	123573	18.027	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	434881	20.415	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35928	21.706	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	243293	21.011	ug/l	98
94) Hexachlorobutadiene	15.01	225	134322	20.041	ug/l	99
95) Naphthalene	15.13	128	531549	22.164	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	220086	20.714	ug/l	100

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

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