

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053176.D
 Acq On : 24 Dec 2018 11:14
 Operator : MD\SY
 Sample : VN1224MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1224MBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:53:35 AM

Quant Time: Dec 24 23:17:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	935534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1420749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1260847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	572113	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	499482	52.61	ug/l	0.00
Spiked Amount						
			Recovery	=	105.22%	
35) Dibromofluoromethane	7.59	113	418101	64.42	ug/l	0.00
Spiked Amount						
			Recovery	=	128.84%	
50) Toluene-d8	10.09	98	1774085	50.92	ug/l	0.00
Spiked Amount						
			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	609107	49.80	ug/l	0.00
Spiked Amount						
			Recovery	=	99.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	179550	18.963	ug/l	99
3) Chloromethane	2.06	50	231807	20.203	ug/l	100
4) Vinyl Chloride	2.19	62	229973	19.791	ug/l	100
5) Bromomethane	2.57	94	146380	18.182	ug/l	99
6) Chloroethane	2.71	64	137108	19.923	ug/l	99
7) Trichlorofluoromethane	3.02	101	296680	20.495	ug/l	98
8) Diethyl Ether	3.41	74	120328	22.034	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	190645	20.656	ug/l	99
10) Methyl Iodide	3.96	142	231749	17.880	ug/l	99
11) Tert butyl alcohol	4.78	59	61863	106.793	ug/l #	87
12) 1,1-Dichloroethene	3.74	96	180819	20.278	ug/l	99
13) Acrolein	3.61	56	62631	119.239	ug/l	100
14) Allyl chloride	4.33	41	311219	22.533	ug/l	94
15) Acrylonitrile	4.99	53	359330	111.656	ug/l	100
16) Acetone	3.82	43	209460	112.525	ug/l	97
17) Carbon Disulfide	4.06	76	497236	17.099	ug/l	100
18) Methyl Acetate	4.32	43	196810	23.825	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	524133	21.965	ug/l	100
20) Methylene Chloride	4.55	84	213328	21.009	ug/l	100
21) trans-1,2-Dichloroethene	5.05	96	193339	20.181	ug/l	98
22) Diisopropyl ether	5.95	45	661079	22.423	ug/l	98
23) Vinyl Acetate	5.90	43	1921773	113.359	ug/l	99
24) 1,1-Dichloroethane	5.85	63	379298	21.651	ug/l	99
25) 2-Butanone	6.83	43	369260	118.202	ug/l	96
26) 2,2-Dichloropropane	6.83	77	276114	20.647	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	228311	21.050	ug/l	99
28) Bromochloromethane	7.20	49	169128	22.279	ug/l	97
29) Tetrahydrofuran	7.21	42	267101	114.478	ug/l	98
30) Chloroform	7.37	83	366224	21.280	ug/l	98
31) Cyclohexane	7.65	56	348666	20.603	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	303554	20.706	ug/l	100
36) 1,1-Dichloropropene	7.79	75	279809	20.519	ug/l	99
37) Ethyl Acetate	6.93	43	172121	22.610	ug/l	98
38) Carbon Tetrachloride	7.78	117	258057	20.646	ug/l	99

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39) Methylcyclohexane	9.08	83	317897	19.190	ug/l	100
40) Benzene	8.04	78	866689	21.367	ug/l	100
41) Methacrylonitrile	7.17	41	102081	23.208	ug/l	95
42) 1,2-Dichloroethane	8.12	62	255026	21.283	ug/l	98
43) Isopropyl Acetate	8.16	43	319286	21.069	ug/l	98
44) Trichloroethene	8.84	130	234441	19.983	ug/l	99
45) 1,2-Dichloropropane	9.12	63	228570	21.634	ug/l	99
46) Dibromomethane	9.21	93	131221	21.320	ug/l	99
47) Bromodichloromethane	9.40	83	277367	21.201	ug/l	99
48) Methyl methacrylate	9.20	41	160353	21.707	ug/l	99
49) 1,4-Dioxane	9.20	88	35420	379.051	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	859657	116.606	ug/l	100
52) Toluene	10.16	92	527964	21.000	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	275546	20.029	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	329509	20.867	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	190047	21.667	ug/l	98
56) Ethyl methacrylate	10.43	69	250587	21.585	ug/l	98
57) 1,3-Dichloropropane	10.71	76	329566	21.911	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	705199	110.645	ug/l	99
59) 2-Hexanone	10.75	43	574616	115.201	ug/l	100
60) Dibromochloromethane	10.90	129	206777	20.595	ug/l	99
61) 1,2-Dibromoethane	11.01	107	188706	21.184	ug/l	100
64) Tetrachloroethene	10.63	164	251449	18.411	ug/l	99
65) Chlorobenzene	11.43	112	580231	20.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	205625	21.156	ug/l	100
67) Ethyl Benzene	11.51	91	998089	20.765	ug/l	99
68) m/p-Xylenes	11.62	106	753751	41.251	ug/l	99
69) o-Xylene	11.95	106	371522	21.189	ug/l	100
70) Styrene	11.96	104	607804	21.259	ug/l	99
71) Bromoform	12.13	173	138261	19.691	ug/l #	99
73) Isopropylbenzene	12.25	105	974528	21.771	ug/l	100
74) N-amyl acetate	12.07	43	266325	21.430	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	219219	24.963	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	192088m	19.945	ug/l	
77) Bromobenzene	12.53	156	251454	21.610	ug/l	99
78) n-propylbenzene	12.59	91	1083770	21.258	ug/l	100
79) 2-Chlorotoluene	12.67	91	654284	20.705	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	769708	21.096	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59273	19.836	ug/l	97
82) 4-Chlorotoluene	12.77	91	661379	21.380	ug/l	100
83) tert-Butylbenzene	12.99	119	680263	21.082	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	773955	21.101	ug/l	99
85) sec-Butylbenzene	13.17	105	893814	20.479	ug/l	100
86) p-Isopropyltoluene	13.29	119	762313	20.213	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	425873	20.679	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	422962	20.281	ug/l	100
89) n-Butylbenzene	13.62	91	608678	18.760	ug/l	100
90) Hexachloroethane	13.87	117	116202	20.078	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	413423	21.330	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31505	20.748	ug/l	98

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93) 1,2,4-Trichlorobenzene	14.91	180	188142	18.700	ug/l	99
94) Hexachlorobutadiene	15.01	225	124948	21.886	ug/l	99
95) Naphthalene	15.13	128	417617	19.287	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	171738	18.892	ug/l	100

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

