

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053175.D
 Acq On : 24 Dec 2018 10:47
 Operator : MD\SY
 Sample : VN1224MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1224MBS01

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 10:53:29 AM

Quant Time: Dec 24 23:12:11 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	1001388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1510796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1338445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	613855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	498586	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.59	113	418778	60.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.36%	
50) Toluene-d8	10.09	98	1810120	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.40	95	631584	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	192663	19.010	ug/l	99
3) Chloromethane	2.06	50	247104	20.120	ug/l	100
4) Vinyl Chloride	2.19	62	243180	19.551	ug/l	99
5) Bromomethane	2.57	94	150910	17.512	ug/l	99
6) Chloroethane	2.71	64	146624	19.904	ug/l	97
7) Trichlorofluoromethane	3.02	101	311247	20.087	ug/l	97
8) Diethyl Ether	3.41	74	124161	21.241	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	205263	20.777	ug/l	99
10) Methyl Iodide	3.96	142	232792	16.779	ug/l	99
11) Tert butyl alcohol	4.77	59	63766	102.839	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	190855	19.996	ug/l	100
13) Acrolein	3.61	56	63690	113.281	ug/l	96
14) Allyl chloride	4.33	41	322798	21.834	ug/l	95
15) Acrylonitrile	4.99	53	366883	106.506	ug/l	100
16) Acetone	3.82	43	212767	106.785	ug/l	98
17) Carbon Disulfide	4.06	76	521598	16.757	ug/l	100
18) Methyl Acetate	4.33	43	200260	22.697	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	538068	21.066	ug/l	99
20) Methylene Chloride	4.55	84	224723	20.676	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	205120	20.002	ug/l	96
22) Diisopropyl ether	5.95	45	688484	21.817	ug/l	99
23) Vinyl Acetate	5.90	43	1983294	109.295	ug/l	99
24) 1,1-Dichloroethane	5.85	63	395702	21.102	ug/l	100
25) 2-Butanone	6.83	43	376347	112.548	ug/l	99
26) 2,2-Dichloropropane	6.83	77	288053	20.123	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	241455	20.798	ug/l	99
28) Bromochloromethane	7.19	49	186406	22.940	ug/l	99
29) Tetrahydrofuran	7.21	42	274890	110.069	ug/l	100
30) Chloroform	7.37	83	383507	20.819	ug/l	99
31) Cyclohexane	7.65	56	367708	20.283	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	312741	19.929	ug/l	99
36) 1,1-Dichloropropene	7.79	75	296666	20.458	ug/l	100
37) Ethyl Acetate	6.93	43	178268	22.022	ug/l	99
38) Carbon Tetrachloride	7.78	117	272653	20.513	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	344317	19.546	ug/l	99
40) Benzene	8.04	78	901240	20.894	ug/l	100
41) Methacrylonitrile	7.17	41	97381	20.820	ug/l	99
42) 1,2-Dichloroethane	8.12	62	268777	21.093	ug/l	100
43) Isopropyl Acetate	8.16	43	322284	19.945	ug/l	98
44) Trichloroethene	8.83	130	248726	19.937	ug/l	99
45) 1,2-Dichloropropane	9.12	63	242709	21.603	ug/l	99
46) Dibromomethane	9.21	93	136159	20.804	ug/l	99
47) Bromodichloromethane	9.40	83	286636	20.603	ug/l	99
48) Methyl methacrylate	9.20	41	164632	20.958	ug/l	99
49) 1,4-Dioxane	9.20	88	41188	414.506	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	880010	112.253	ug/l	99
52) Toluene	10.16	92	556801	20.827	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	284611	19.455	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	347016	20.666	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	199578	21.398	ug/l	98
56) Ethyl methacrylate	10.43	69	255769	20.718	ug/l	97
57) 1,3-Dichloropropane	10.71	76	339211	21.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	752026	110.960	ug/l	99
59) 2-Hexanone	10.75	43	601164	113.340	ug/l	99
60) Dibromochloromethane	10.90	129	211094	19.772	ug/l	99
61) 1,2-Dibromoethane	11.01	107	194171	20.498	ug/l	99
64) Tetrachloroethene	10.63	164	273329	18.852	ug/l	99
65) Chlorobenzene	11.43	112	616104	20.766	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	213780	20.720	ug/l	99
67) Ethyl Benzene	11.51	91	1066844	20.909	ug/l	100
68) m/p-Xylenes	11.62	106	810791	41.800	ug/l	99
69) o-Xylene	11.95	106	393130	21.121	ug/l	99
70) Styrene	11.96	104	643072	21.188	ug/l	100
71) Bromoform	12.13	173	144751	19.420	ug/l #	99
73) Isopropylbenzene	12.25	105	1051123	21.885	ug/l	100
74) N-amyl acetate	12.07	43	281583	21.117	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	227170	24.109	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	210329m	20.354	ug/l	
77) Bromobenzene	12.53	156	268449	21.502	ug/l	98
78) n-propylbenzene	12.59	91	1176692	21.512	ug/l	99
79) 2-Chlorotoluene	12.67	91	703699	20.754	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	828714	21.169	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	61522	19.189	ug/l	97
82) 4-Chlorotoluene	12.77	91	703761	21.204	ug/l	99
83) tert-Butylbenzene	12.99	119	735936	21.256	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	840422	21.355	ug/l	99
85) sec-Butylbenzene	13.17	105	968431	20.680	ug/l	100
86) p-Isopropyltoluene	13.29	119	830555	20.525	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	455977	20.636	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	448400	20.039	ug/l	99
89) n-Butylbenzene	13.61	91	666698	19.151	ug/l	100
90) Hexachloroethane	13.87	117	125899	20.274	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	426613	20.514	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31242	19.176	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	196064	18.179	ug/l	100
94) Hexachlorobutadiene	15.01	225	133991	21.872	ug/l	98
95) Naphthalene	15.13	128	404288	17.513	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	174651	17.932	ug/l	100

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

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