

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052971.D
 Acq On : 18 Dec 2018 19:44
 Operator : MD\SY
 Sample : VN1218MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1218MBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:07:18 PM

Quant Time: Dec 19 04:42:46 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	1188327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1849696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1586739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	676928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	638009	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
35) Dibromofluoromethane	7.59	113	434630	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	10.09	98	2286837	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.40	95	742757	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	238497	19.830	ug/l	100
3) Chloromethane	2.06	50	277017	19.008	ug/l	99
4) Vinyl Chloride	2.19	62	297887	20.182	ug/l	100
5) Bromomethane	2.58	94	192416	18.816	ug/l	99
6) Chloroethane	2.71	64	174837	20.000	ug/l	99
7) Trichlorofluoromethane	3.03	101	381829	20.766	ug/l	99
8) Diethyl Ether	3.41	74	146819	21.166	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.77	101	238347	20.331	ug/l	99
10) Methyl Iodide	3.96	142	334978	20.346	ug/l	99
11) Tert butyl alcohol	4.78	59	77405	105.197	ug/l	97
12) 1,1-Dichloroethene	3.74	96	233631	20.627	ug/l	99
13) Acrolein	3.61	56	80549	120.729	ug/l	98
14) Allyl chloride	4.33	41	375840	21.423	ug/l	96
15) Acrylonitrile	4.99	53	415915	101.746	ug/l	99
16) Acetone	3.82	43	256020	108.279	ug/l	96
17) Carbon Disulfide	4.06	76	674452	18.259	ug/l	99
18) Methyl Acetate	4.33	43	209832	20.157	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	642245	21.189	ug/l	98
20) Methylene Chloride	4.56	84	259600	20.128	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	245258	20.154	ug/l	99
22) Diisopropyl ether	5.95	45	801434	21.401	ug/l	98
23) Vinyl Acetate	5.90	43	2281870	105.967	ug/l	99
24) 1,1-Dichloroethane	5.85	63	465210	20.906	ug/l	99
25) 2-Butanone	6.83	43	429426	108.219	ug/l	98
26) 2,2-Dichloropropane	6.83	77	318815	18.768	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	283925	20.609	ug/l	98
28) Bromochloromethane	7.20	49	201405	20.887	ug/l	95
29) Tetrahydrofuran	7.21	42	312081	105.302	ug/l	98
30) Chloroform	7.37	83	456094	20.864	ug/l	99
31) Cyclohexane	7.66	56	448209	20.863	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	378102	20.304	ug/l	99
36) 1,1-Dichloropropene	7.79	75	354077	19.944	ug/l	100
37) Ethyl Acetate	6.93	43	205754	20.760	ug/l	98
38) Carbon Tetrachloride	7.77	117	319286	19.621	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	415853	19.282	ug/l	97
40) Benzene	8.04	78	1069014	20.243	ug/l	99
41) Methacrylonitrile	7.17	41	121239	21.171	ug/l	94
42) 1,2-Dichloroethane	8.13	62	316880	20.312	ug/l	99
43) Isopropyl Acetate	8.16	43	399599	20.212	ug/l	100
44) Trichloroethene	8.84	130	298460	19.540	ug/l	97
45) 1,2-Dichloropropane	9.12	63	279909	20.349	ug/l	100
46) Dibromomethane	9.21	93	159504	19.906	ug/l	99
47) Bromodichloromethane	9.40	83	337263	19.801	ug/l	100
48) Methyl methacrylate	9.20	41	192404	20.006	ug/l	98
49) 1,4-Dioxane	9.20	88	45077	370.528	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1010400	105.271	ug/l	99
52) Toluene	10.16	92	659384	20.145	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	335085	18.709	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	402042	19.556	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	229665	20.112	ug/l	98
56) Ethyl methacrylate	10.43	69	307354	20.335	ug/l	97
57) 1,3-Dichloropropane	10.71	76	398502	20.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	853970	102.915	ug/l	98
59) 2-Hexanone	10.75	43	668458	102.936	ug/l	99
60) Dibromochloromethane	10.90	129	247852	18.962	ug/l	100
61) 1,2-Dibromoethane	11.01	107	228201	19.677	ug/l	99
64) Tetrachloroethene	10.63	164	336367	19.570	ug/l	99
65) Chlorobenzene	11.43	112	698141	19.848	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	248020	20.277	ug/l	100
67) Ethyl Benzene	11.51	91	1213495	20.061	ug/l	100
68) m/p-Xylenes	11.62	106	909169	39.537	ug/l	99
69) o-Xylene	11.95	106	441772	20.021	ug/l	100
70) Styrene	11.96	104	705054	19.595	ug/l	99
71) Bromoform	12.13	173	161133	18.235	ug/l #	99
73) Isopropylbenzene	12.25	105	1161418	21.929	ug/l	100
74) N-amyl acetate	12.07	43	332713	22.626	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	236238	22.736	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	231456m	20.311	ug/l	
77) Bromobenzene	12.53	156	297488	21.608	ug/l	96
78) n-propylbenzene	12.59	91	1278063	21.188	ug/l	99
79) 2-Chlorotoluene	12.67	91	755151	20.197	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	891372	20.648	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	70758	20.013	ug/l	97
82) 4-Chlorotoluene	12.77	91	750277	20.499	ug/l	99
83) tert-Butylbenzene	12.99	119	795812	20.844	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	901933	20.783	ug/l	99
85) sec-Butylbenzene	13.17	105	1052120	20.373	ug/l	99
86) p-Isopropyltoluene	13.29	119	892099	19.992	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	476958	19.574	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	472644	19.154	ug/l	100
89) n-Butylbenzene	13.62	91	711213	18.526	ug/l	100
90) Hexachloroethane	13.88	117	129982	18.982	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	451643	19.694	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34288	19.085	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	233778	19.608	ug/l	100
94) Hexachlorobutadiene	15.01	225	135578	19.818	ug/l	98
95) Naphthalene	15.13	128	509086	19.836	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	214898	19.950	ug/l	99

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

