

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053021.D
 Acq On : 19 Dec 2018 19:43
 Operator : MD\SY
 Sample : VN1219MBSD01
 Misc : 5.00µl/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 9:35:11 AM

Quant Time: Dec 20 06:43:53 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	1139273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1764749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1544021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	662567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	596222	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
35) Dibromofluoromethane	7.59	113	461287	57.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.44%	
50) Toluene-d8	10.09	98	2164388	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	717395	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	228927	19.854	ug/l	98
3) Chloromethane	2.06	50	265477	19.000	ug/l	99
4) Vinyl Chloride	2.19	62	278285	19.666	ug/l	98
5) Bromomethane	2.58	94	176778	18.031	ug/l	98
6) Chloroethane	2.71	64	162508	19.391	ug/l	99
7) Trichlorofluoromethane	3.03	101	355387	20.160	ug/l	99
8) Diethyl Ether	3.41	74	140782	21.169	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.77	101	223984	19.928	ug/l	97
10) Methyl Iodide	3.96	142	303682	19.240	ug/l	99
11) Tert butyl alcohol	4.77	59	72083	102.182	ug/l	99
12) 1,1-Dichloroethene	3.74	96	217262	20.008	ug/l	99
13) Acrolein	3.61	56	74202	116.005	ug/l	99
14) Allyl chloride	4.33	41	343234	20.406	ug/l	95
15) Acrylonitrile	4.99	53	394640	100.698	ug/l	99
16) Acetone	3.82	43	250639	110.568	ug/l	94
17) Carbon Disulfide	4.06	76	612219	17.288	ug/l	100
18) Methyl Acetate	4.33	43	206016	20.618	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	603116	20.755	ug/l	99
20) Methylene Chloride	4.55	84	247003	19.975	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	233038	19.974	ug/l	97
22) Diisopropyl ether	5.95	45	754562	21.017	ug/l	97
23) Vinyl Acetate	5.90	43	2168655	105.046	ug/l	99
24) 1,1-Dichloroethane	5.85	63	432220	20.260	ug/l	98
25) 2-Butanone	6.83	43	415827	109.304	ug/l	98
26) 2,2-Dichloropropane	6.83	77	267135	16.403	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	267111	20.223	ug/l	97
28) Bromochloromethane	7.19	49	186341	20.157	ug/l	94
29) Tetrahydrofuran	7.21	42	293439	103.275	ug/l	97
30) Chloroform	7.37	83	421509	20.113	ug/l	100
31) Cyclohexane	7.66	56	418424	20.287	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	348080	19.497	ug/l	99
36) 1,1-Dichloropropene	7.80	75	329531	19.455	ug/l	100
37) Ethyl Acetate	6.93	43	197217	20.856	ug/l	98
38) Carbon Tetrachloride	7.78	117	294863	18.992	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	391894	19.045	ug/l	98
40) Benzene	8.04	78	1006417	19.975	ug/l	99
41) Methacrylonitrile	7.17	41	117067	21.427	ug/l	94
42) 1,2-Dichloroethane	8.12	62	295048	19.823	ug/l	99
43) Isopropyl Acetate	8.16	43	380474	20.169	ug/l	99
44) Trichloroethene	8.84	130	282858	19.410	ug/l	96
45) 1,2-Dichloropropane	9.12	63	264746	20.174	ug/l	100
46) Dibromomethane	9.21	93	151043	19.757	ug/l	98
47) Bromodichloromethane	9.40	83	313077	19.265	ug/l	100
48) Methyl methacrylate	9.20	41	185904	20.260	ug/l	100
49) 1,4-Dioxane	9.20	88	43233	372.476	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	963464	105.212	ug/l	99
52) Toluene	10.16	92	611167	19.570	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	310971	18.198	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	372467	18.989	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	215737	19.802	ug/l	99
56) Ethyl methacrylate	10.43	69	292550	20.287	ug/l	97
57) 1,3-Dichloropropane	10.71	76	377161	20.188	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	819089	103.463	ug/l	98
59) 2-Hexanone	10.75	43	637684	102.924	ug/l	99
60) Dibromochloromethane	10.90	129	232554	18.648	ug/l	100
61) 1,2-Dibromoethane	11.00	107	215888	19.511	ug/l	99
64) Tetrachloroethene	10.63	164	327591	19.587	ug/l	99
65) Chlorobenzene	11.43	112	674234	19.699	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	232213	19.510	ug/l	99
67) Ethyl Benzene	11.51	91	1166381	19.816	ug/l	100
68) m/p-Xylenes	11.62	106	907572	40.559	ug/l	99
69) o-Xylene	11.95	106	419700	19.546	ug/l	98
70) Styrene	11.96	104	690036	19.708	ug/l	100
71) Bromoform	12.13	173	151076	17.570	ug/l #	100
73) Isopropylbenzene	12.25	105	1120049	21.606	ug/l	100
74) N-amyl acetate	12.07	43	320544	22.271	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	229961	22.611	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	207651m	18.617	ug/l	
77) Bromobenzene	12.53	156	423208	31.406	ug/l	60
78) n-propylbenzene	12.59	91	1233091	20.885	ug/l	99
79) 2-Chlorotoluene	12.67	91	722618	19.746	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	875291	20.715	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	62848	18.161	ug/l	99
82) 4-Chlorotoluene	12.77	91	731629	20.423	ug/l	100
83) tert-Butylbenzene	12.99	119	760941	20.362	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	875592	20.613	ug/l	100
85) sec-Butylbenzene	13.17	105	1002258	19.828	ug/l	100
86) p-Isopropyltoluene	13.29	119	848526	19.428	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	466718	19.569	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	463449	19.188	ug/l	99
89) n-Butylbenzene	13.62	91	679203	18.076	ug/l	99
90) Hexachloroethane	13.87	117	119779	17.871	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	438093	19.517	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33674	19.149	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	233157	19.968	ug/l	99
94) Hexachlorobutadiene	15.01	225	126798	18.801	ug/l	99
95) Naphthalene	15.13	128	545650	21.612	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	213436	20.236	ug/l	99

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

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