

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121918\
 Data File : VN053027.D
 Acq On : 19 Dec 2018 23:16
 Operator : MD\SY
 Sample : VN1219MBSD02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219MBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/20/2018 4:58:56 PM

Quant Time: Dec 20 06:55:29 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	1083760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1671351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1479755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	667204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	568538	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	7.59	113	443734	58.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.24%	
50) Toluene-d8	10.09	98	2084412	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	702711	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	212744	19.396	ug/l 98
3) Chloromethane	2.06	50	261197	19.651	ug/l 100
4) Vinyl Chloride	2.19	62	264760	19.668	ug/l 100
5) Bromomethane	2.58	94	174295	18.688	ug/l 99
6) Chloroethane	2.71	64	159379	19.991	ug/l 99
7) Trichlorofluoromethane	3.03	101	335877	20.029	ug/l 99
8) Diethyl Ether	3.41	74	128266	20.275	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	210909	19.726	ug/l 99
10) Methyl Iodide	3.96	142	296637	19.756	ug/l 99
11) Tert butyl alcohol	4.77	59	64713	96.434	ug/l 100
12) 1,1-Dichloroethene	3.74	96	205682	19.912	ug/l 97
13) Acrolein	3.61	56	66096	108.625	ug/l 98
14) Allyl chloride	4.33	41	331088	20.693	ug/l 94
15) Acrylonitrile	4.99	53	372240	99.848	ug/l 100
16) Acetone	3.82	43	228079	105.769	ug/l 94
17) Carbon Disulfide	4.06	76	588965	17.483	ug/l 100
18) Methyl Acetate	4.32	43	189515	19.971	ug/l 98
19) Methyl tert-butyl Ether	5.05	73	564945	20.437	ug/l 99
20) Methylene Chloride	4.55	84	234445	19.931	ug/l 97
21) trans-1,2-Dichloroethene	5.05	96	219240	19.754	ug/l 99
22) Diisopropyl ether	5.95	45	711500	20.833	ug/l 97
23) Vinyl Acetate	5.90	43	2056668	104.724	ug/l 99
24) 1,1-Dichloroethane	5.85	63	413634	20.382	ug/l 99
25) 2-Butanone	6.83	43	378354	104.548	ug/l 99
26) 2,2-Dichloropropane	6.83	77	261400	16.873	ug/l 97
27) cis-1,2-Dichloroethene	6.83	96	253166	20.149	ug/l 97
28) Bromochloromethane	7.19	49	190421	21.653	ug/l 95
29) Tetrahydrofuran	7.21	42	275441	101.907	ug/l 98
30) Chloroform	7.37	83	406603	20.395	ug/l 99
31) Cyclohexane	7.66	56	384274	19.549	ug/l 96
32) 1,1,1-Trichloroethane	7.57	97	334547	19.699	ug/l 99
36) 1,1-Dichloropropene	7.79	75	312199	19.461	ug/l 100
37) Ethyl Acetate	6.93	43	185635	20.729	ug/l 99
38) Carbon Tetrachloride	7.77	117	290435	19.752	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	356694	18.303	ug/l	97
40) Benzene	8.04	78	957768	20.072	ug/l	99
41) Methacrylonitrile	7.17	41	98948	19.123	ug/l	99
42) 1,2-Dichloroethane	8.12	62	281443	19.966	ug/l	99
43) Isopropyl Acetate	8.16	43	353344	19.757	ug/l	99
44) Trichloroethene	8.84	130	264765	19.184	ug/l	99
45) 1,2-Dichloropropane	9.12	63	254270	20.458	ug/l	99
46) Dibromomethane	9.21	93	144387	19.942	ug/l	98
47) Bromodichloromethane	9.40	83	301455	19.587	ug/l	99
48) Methyl methacrylate	9.20	41	172232	19.819	ug/l	99
49) 1,4-Dioxane	9.20	88	41003	373.004	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	891260	102.766	ug/l	98
52) Toluene	10.16	92	586527	19.831	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	300970	18.597	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	353684	19.039	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	205841	19.949	ug/l	98
56) Ethyl methacrylate	10.43	69	270072	19.775	ug/l	98
57) 1,3-Dichloropropane	10.71	76	355694	20.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	761158	101.519	ug/l	98
59) 2-Hexanone	10.75	43	590809	100.687	ug/l	99
60) Dibromochloromethane	10.90	129	224566	19.013	ug/l	100
61) 1,2-Dibromoethane	11.01	107	206303	19.687	ug/l	98
64) Tetrachloroethene	10.63	164	297719	18.574	ug/l	99
65) Chlorobenzene	11.43	112	650576	19.833	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	225548	19.773	ug/l	99
67) Ethyl Benzene	11.51	91	1107533	19.633	ug/l	99
68) m/p-Xylenes	11.62	106	849822	39.628	ug/l	98
69) o-Xylene	11.95	106	413132	20.076	ug/l	99
70) Styrene	11.96	104	670573	19.984	ug/l	100
71) Bromoform	12.13	173	151975	18.443	ug/l #	99
73) Isopropylbenzene	12.25	105	1093899	20.955	ug/l	100
74) N-amyl acetate	12.07	43	298523	20.597	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	225303	21.999	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	201256m	17.919	ug/l	
77) Bromobenzene	12.53	156	278224	20.503	ug/l	98
78) n-propylbenzene	12.59	91	1208708	20.330	ug/l	100
79) 2-Chlorotoluene	12.67	91	722493	19.605	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	863424	20.292	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	62075	17.813	ug/l	99
82) 4-Chlorotoluene	12.77	91	733198	20.324	ug/l	100
83) tert-Butylbenzene	12.99	119	756005	20.090	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	870498	20.351	ug/l	100
85) sec-Butylbenzene	13.17	105	989256	19.435	ug/l	99
86) p-Isopropyltoluene	13.29	119	854511	19.429	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	474250	19.746	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	462914	19.033	ug/l	99
89) n-Butylbenzene	13.62	91	672497	17.773	ug/l	100
90) Hexachloroethane	13.88	117	124554	18.454	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	447062	19.778	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33381	18.851	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	217266	18.522	ug/l	99
94) Hexachlorobutadiene	15.01	225	131638	19.477	ug/l	99
95) Naphthalene	15.13	128	473922	18.798	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	198585	18.736	ug/l	100

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

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