

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055458.D
 Acq On : 8 May 2019 00:44
 Operator : JC/SP
 Sample : VN0507MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507MBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 10:16:28 AM

Quant Time: May 08 08:13:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	333159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	564615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	469211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	241980	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	
35) Dibromofluoromethane	7.59	113	183524	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	10.09	98	641657	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
62) 4-Bromofluorobenzene	12.40	95	213358	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	77354	18.950	ug/l	100
3) Chloromethane	2.06	50	87481	17.308	ug/l	99
4) Vinyl Chloride	2.19	62	75155	18.446	ug/l	100
5) Bromomethane	2.57	94	42124	19.519	ug/l	96
6) Chloroethane	2.71	64	41869	18.970	ug/l	100
7) Trichlorofluoromethane	3.02	101	114905	19.833	ug/l	96
8) Diethyl Ether	3.42	74	46944	23.160	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	68570	19.876	ug/l	99
10) Methyl Iodide	3.96	142	91934	18.935	ug/l	99
11) Tert butyl alcohol	4.80	59	36937	148.023	ug/l	98
12) 1,1-Dichloroethene	3.74	96	65593	19.931	ug/l	98
13) Acrolein	3.61	56	11033	56.615	ug/l	92
14) Allyl chloride	4.33	41	139683	20.493	ug/l	99
15) Acrylonitrile	5.00	53	180627	128.779	ug/l	99
16) Acetone	3.82	43	141171	103.952	ug/l	100
17) Carbon Disulfide	4.06	76	127637	14.861	ug/l	100
18) Methyl Acetate	4.33	43	97040	28.896	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	224963	24.315	ug/l	99
20) Methylene Chloride	4.55	84	82534	19.911	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	66654	19.123	ug/l	97
22) Diisopropyl ether	5.96	45	316499	23.370	ug/l	98
23) Vinyl Acetate	5.90	43	1051402	118.454	ug/l	99
24) 1,1-Dichloroethane	5.86	63	157997	21.896	ug/l	100
25) 2-Butanone	6.84	43	225930	130.087	ug/l	97
26) 2,2-Dichloropropane	6.83	77	78742	15.803	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	85840	21.657	ug/l	98
28) Bromochloromethane	7.20	49	80610	22.162	ug/l	97
29) Tetrahydrofuran	7.22	42	156870	141.058	ug/l	97
30) Chloroform	7.37	83	149351	21.834	ug/l	94
31) Cyclohexane	7.66	56	132767	19.366	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	117747	21.210	ug/l	99
36) 1,1-Dichloropropene	7.80	75	98646	18.240	ug/l	100
37) Ethyl Acetate	6.94	43	93524	22.564	ug/l	99
38) Carbon Tetrachloride	7.78	117	93534	17.929	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.09	83	105621	18.369	ug/l	97
40) Benzene	8.04	78	315692	19.802	ug/l	99
41) Methacrylonitrile	7.18	41	48182	21.901	ug/l	90
42) 1,2-Dichloroethane	8.13	62	119219	21.113	ug/l	99
43) Isopropyl Acetate	8.17	43	165969	24.916	ug/l #	87
44) Trichloroethene	8.84	130	77556	19.082	ug/l	100
45) 1,2-Dichloropropane	9.12	63	95493	20.768	ug/l	100
46) Dibromomethane	9.21	93	52653	20.949	ug/l	98
47) Bromodichloromethane	9.40	83	108163	20.060	ug/l	97
48) Methyl methacrylate	9.20	41	78488	23.969	ug/l	96
49) 1,4-Dioxane	9.21	88	17664	521.822	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	481899	128.497	ug/l	98
52) Toluene	10.16	92	179632	19.637	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	90942	19.429	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	112349	19.251	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	76521	22.527	ug/l	97
56) Ethyl methacrylate	10.43	69	97775	23.386	ug/l	98
57) 1,3-Dichloropropane	10.71	76	131294	22.033	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	86873	76.034	ug/l	98
59) 2-Hexanone	10.75	43	303871	129.500	ug/l	99
60) Dibromochloromethane	10.90	129	71623	20.630	ug/l	100
61) 1,2-Dibromoethane	11.01	107	67119	21.378	ug/l	100
64) Tetrachloroethene	10.63	164	81783	21.314	ug/l	98
65) Chlorobenzene	11.43	112	185389	20.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	70989	19.762	ug/l	98
67) Ethyl Benzene	11.51	91	338277	20.420	ug/l	98
68) m/p-Xylenes	11.62	106	246333	41.659	ug/l	98
69) o-Xylene	11.95	106	122815	20.955	ug/l	99
70) Styrene	11.97	104	194950	21.664	ug/l	98
71) Bromoform	12.13	173	43799	21.974	ug/l #	99
73) Isopropylbenzene	12.25	105	331606	21.840	ug/l	99
74) N-amyl acetate	12.07	43	104815	23.148	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	93099	25.045	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	78354m	22.508	ug/l	
77) Bromobenzene	12.53	156	76950	21.610	ug/l	96
78) n-propylbenzene	12.59	91	352878	19.471	ug/l	99
79) 2-Chlorotoluene	12.67	91	224101	21.943	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	278590	20.141	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18167	19.513	ug/l	89
82) 4-Chlorotoluene	12.77	91	210243	19.952	ug/l	99
83) tert-Butylbenzene	12.99	119	241797	23.134	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	256544	20.739	ug/l	99
85) sec-Butylbenzene	13.17	105	311176	20.698	ug/l	100
86) p-Isopropyltoluene	13.29	119	254427	20.591	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	118778	20.119	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	113702	20.450	ug/l	99
89) n-Butylbenzene	13.62	91	176718	20.127	ug/l	99
90) Hexachloroethane	13.87	117	42131	20.608	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	124888	21.343	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12687	27.333	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	37843	18.629	ug/l	99
94) Hexachlorobutadiene	15.01	225	42599	22.663	ug/l	96
95) Naphthalene	15.13	128	80741	18.696	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	43598	20.801	ug/l	97

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

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