

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055971.D
 Acq On : 3 Jun 2019 19:15
 Operator : JC/SP
 Sample : VN0603MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0603MBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 11:24:58 AM

Quant Time: Jun 04 03:15:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	296252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	452048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	399735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165507	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	161145	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.59	113	140762	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.09	98	542945	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.40	95	183229	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	35487	17.799	ug/l	100
3) Chloromethane	2.06	50	53818	19.265	ug/l	97
4) Vinyl Chloride	2.18	62	56551	18.980	ug/l	97
5) Bromomethane	2.53	94	40960m	21.974	ug/l	
6) Chloroethane	2.68	64	35684	19.892	ug/l	96
7) Trichlorofluoromethane	3.00	101	75220	19.256	ug/l	98
8) Diethyl Ether	3.40	74	35150	20.077	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	47663	19.547	ug/l	100
10) Methyl Iodide	3.94	142	76049	21.332	ug/l	99
11) Tert butyl alcohol	4.82	59	58136	99.453	ug/l	98
12) 1,1-Dichloroethene	3.72	96	49240	19.543	ug/l	97
13) Acrolein	3.60	56	27127	64.809	ug/l	97
14) Allyl chloride	4.31	41	78964	18.282	ug/l	98
15) Acrylonitrile	4.99	53	146021	108.784	ug/l	99
16) Acetone	3.82	43	125572	93.371	ug/l	99
17) Carbon Disulfide	4.04	76	94118	13.148	ug/l	99
18) Methyl Acetate	4.33	43	65674	23.347	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	175150	20.844	ug/l	99
20) Methylene Chloride	4.54	84	61496	21.114	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	53702	19.840	ug/l	99
22) Diisopropyl ether	5.95	45	178086	21.199	ug/l	98
23) Vinyl Acetate	5.90	43	699231	97.079	ug/l	99
24) 1,1-Dichloroethane	5.84	63	100252	20.496	ug/l	100
25) 2-Butanone	6.84	43	194780	103.705	ug/l	100
26) 2,2-Dichloropropane	6.82	77	64971	15.348	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	65586	20.768	ug/l	97
28) Bromochloromethane	7.19	49	48897	20.997	ug/l	100
29) Tetrahydrofuran	7.22	42	127148	106.899	ug/l	99
30) Chloroform	7.37	83	101065	20.719	ug/l	100
31) Cyclohexane	7.65	56	87789	19.117	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	82909	19.047	ug/l	98
36) 1,1-Dichloropropene	7.79	75	70970	18.015	ug/l	99
37) Ethyl Acetate	6.93	43	75240	19.761	ug/l	99
38) Carbon Tetrachloride	7.77	117	66843	16.290	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	83875	17.194	ug/l	99
40) Benzene	8.04	78	231900	19.532	ug/l	99
41) Methacrylonitrile	7.18	41	39674	20.626	ug/l	95
42) 1,2-Dichloroethane	8.12	62	76429	19.700	ug/l	100
43) Isopropyl Acetate	8.17	43	123147	19.250	ug/l #	92
44) Trichloroethene	8.83	130	65472	19.781	ug/l	100
45) 1,2-Dichloropropane	9.12	63	62017	20.049	ug/l	97
46) Dibromomethane	9.21	93	40279	19.855	ug/l	99
47) Bromodichloromethane	9.40	83	70862	17.035	ug/l	98
48) Methyl methacrylate	9.20	41	59118	20.052	ug/l	98
49) 1,4-Dioxane	9.20	88	26576	433.766	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	390554	103.371	ug/l	100
52) Toluene	10.16	92	149891	20.074	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	72391	16.303	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	86664	17.618	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	62083	20.754	ug/l	98
56) Ethyl methacrylate	10.43	69	91891	19.876	ug/l	99
57) 1,3-Dichloropropane	10.71	76	98311	20.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	161938	91.658	ug/l	100
59) 2-Hexanone	10.75	43	267248	99.709	ug/l	99
60) Dibromochloromethane	10.90	129	55995	16.068	ug/l	98
61) 1,2-Dibromoethane	11.00	107	61788	19.914	ug/l	99
64) Tetrachloroethene	10.63	164	68841	20.419	ug/l	98
65) Chlorobenzene	11.43	112	162113	20.258	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	56290	17.637	ug/l	99
67) Ethyl Benzene	11.51	91	282721	19.701	ug/l	98
68) m/p-Xylenes	11.62	106	213540	39.361	ug/l	100
69) o-Xylene	11.95	106	106078	19.708	ug/l	98
70) Styrene	11.96	104	173340	19.887	ug/l	100
71) Bromoform	12.13	173	37432	13.750	ug/l #	99
73) Isopropylbenzene	12.25	105	280944	22.390	ug/l	100
74) N-amyl acetate	12.07	43	97525	20.412	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	85345	22.666	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	69206m	22.556	ug/l	
77) Bromobenzene	12.53	156	85248	24.138	ug/l	82
78) n-propylbenzene	12.59	91	294164	20.450	ug/l	100
79) 2-Chlorotoluene	12.67	91	182441	22.125	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	229271	21.686	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	17407	14.151	ug/l #	85
82) 4-Chlorotoluene	12.77	91	171467	20.278	ug/l	99
83) tert-Butylbenzene	12.99	119	206145	22.395	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	226242	21.535	ug/l	100
85) sec-Butylbenzene	13.17	105	264374	22.426	ug/l	99
86) p-Isopropyltoluene	13.29	119	236650	20.589	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	114331	20.444	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	107247	20.171	ug/l	99
89) n-Butylbenzene	13.61	91	169953	19.298	ug/l	99
90) Hexachloroethane	13.87	117	32569	14.887	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	115880	20.769	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11782	16.066	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	50129	18.117	ug/l	99
94) Hexachlorobutadiene	15.01	225	41090	19.824	ug/l	99
95) Naphthalene	15.13	128	143148	18.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	57135	19.372	ug/l	99

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

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