Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071516\
Data File : BM006457.D
Acq On : 16 Jul 2016 00:12
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Manual Integrations APPROVED
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7/18/2016 7:27:16 PM

Quant Time: Jul 16 02:26:42 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 23:20:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	117054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	490219	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	280499	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	690917	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	861422	20.00	ng/ul	-0.01
83) Perylene-d12	23.41	264	975768	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	22947	8.25	ng/uL	0.00
5) Phenol-d5	6.80	99	204897	21.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	124334	21.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	162684	20.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	160170	21.01	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	78011	21.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	85950	20.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	158090	19.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	207766	25.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	473369	20.62	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	591108	20.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	86251	21.63	ng/ul	0.00
57) Fluorene-d10	15.27	176	422603	20.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	75927	19.00	ng/ul	0.00
70) Anthracene-d10	17.12	188	672009	20.58	ng/ul	0.00
76) Pyrene-d10	19.42	212	813020	20.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	949924	21.29	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	24685	8.29	ng/uL#	14
4) Benzaldehyde	6.76	77	136999	23.64	ng/ul	99
6) Phenol	6.82	94	217435	21.50	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	161022	21.61	ng/ul	98
10) 2-Chlorophenol	7.19	128	169803	21.27	ng/ul	98
11) 2-Methylphenol	8.06	108	164466	21.84	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.15	45	249152	20.57	ng/ul	99
14) Acetophenone	8.43	105	253582	21.12	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.42	70	132620	20.94	ng/ul	96
16) 4-Methylphenol	8.39	108	171654	21.09	ng/ul	99
17) Hexachloroethane	8.69	117	70911	20.88	ng/ul	87
20) Nitrobenzene	8.82	77	199405	20.15	ng/ul	99
21) Isophorone	9.33	82	364241	20.62	ng/ul	99
23) 2-Nitrophenol	9.52	139	93875	20.33	ng/ul	99
24) 2,4-Dimethylphenol	9.59	107	202626	20.29	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.82	93	220201	20.84	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	159421	19.93	ng/ul	99
28) Naphthalene	10.45	128	506970	20.38	ng/ul	99
30) 4-Chloroaniline	10.56	127	214278	24.81	ng/ul	96
31) Hexachlorobutadiene	10.73	225	109384	20.03	ng/ul	97
32) Caprolactam	11.32	113	53615m	21.10	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	181201	20.22	ng/ul	96
34) 2-Methylnaphthalene	12.07	142	374706	19.98	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	201499	20.48	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	98779	19.06	ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	133113	20.84	ng/ul	96
39) 2,4,5-Trichlorophenol	12.76	196	139404	21.18	ng/ul	100
40) 1,1'-Biphenyl	13.09	154	486193	21.02	ng/ul	97
41) 2-Chloronaphthalene	13.13	162	379626	20.98	ng/ul	99
42) 2-Nitroaniline	13.35	65	130642	21.11	ng/ul	100
44) Dimethylphthalate	13.73	163	484858	20.82	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	98477	21.28	ng/ul	98
47) Acenaphthylene	13.99	152	619659	20.96	ng/ul	100
48) 3-Nitroaniline	14.19	138	108707	24.94	ng/ul	96
49) Acenaphthene	14.33	153	391432	20.58	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	46071	17.52	ng/ul	97
52) 4-Nitrophenol	14.50	109	91326	20.23	ng/ul	92
53) Dibenzofuran	14.67	168	576445	20.82	ng/ul	94
54) 2,4-Dinitrotoluene	14.64	165	150245	21.72	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.90	232	126345	21.19	ng/ul	97
56) Diethylphthalate	15.10	149	507175	20.64	ng/ul	98
58) Fluorene	15.32	166	452397	20.43	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	229736	20.40	ng/ul	98
60) 4-Nitroaniline	15.35	138	119588	23.13	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.42	198	85324	20.05	ng/ul	95
64) N-Nitrosodiphenylamine	15.54	169	415038	20.45	ng/ul	100
65) 4-Bromophenyl-phenylether	16.22	248	156980	20.39	ng/ul	96
66) Hexachlorobenzene	16.33	284	178343	20.78	ng/ul	97
67) Atrazine	16.49	200	163157	21.75	ng/ul	96
68) Pentachlorophenol	16.67	266	84972	20.59	ng/ul	97
69) Phenanthrene	17.06	178	788088	20.74	ng/ul	99
71) Anthracene	17.15	178	809018	20.70	ng/ul	99
72) Carbazole	17.43	167	742849	22.48	ng/ul	99
73) Di-n-butylphthalate	17.99	149	919730	20.35	ng/ul	100
74) Fluoranthene	19.09	202	1031392	23.36	ng/ul	95
77) Pyrene	19.45	202	1063018	20.67	ng/ul	96
78) Butylbenzylphthalate	20.36	149	480869	21.26	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.14	252	370235	22.06	ng/ul	96
80) Benzo(a)anthracene	21.20	228	1076862	20.48	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.13	149	631264	20.10	ng/ul	100
82) Chrysene	21.26	228	1037390	20.96	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1269745	22.33	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	1228625	21.07	ng/ul	100
86) Benzo(k)fluoranthene	22.80	252	1142278	20.82	ng/ul	100
88) Benzo(a)pyrene	23.32	252	1177841	21.09	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.61	276	1349567	20.76	ng/ul	98
90) Dibenzo(a,h)anthracene	25.63	278	1118382	20.71	ng/ul	98
91) Benzo(g,h,i)perylene	26.29	276	1190280	20.72	ng/ul	99

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

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