Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005619.D
Acq On : 23 May 2016 21:09
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02069

Quant Time: May 24 06:56:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	109813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	484126	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	274480	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	607944	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	655448	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	669320	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	19799	7.90	ng/uL	0.00
5) Phenol-d5	6.97	99	187357	20.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	110165	21.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	154763	20.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	153466	20.81	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	74341	20.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	81544	20.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	150500	19.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	182413	23.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	429365	19.16	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	552412	19.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	79116	18.67	ng/ul	0.00
57) Fluorene-d10	15.43	176	376689	19.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	60851	17.40	ng/ul	0.00
70) Anthracene-d10	17.28	188	574225	19.83	ng/ul	0.00
76) Pyrene-d10	19.57	212	621493	20.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	603642	19.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	34476	7.79	ng/uL	95
4) Benzaldehyde	6.95	77	85656	14.66	ng/ul	99
6) Phenol	7.00	94	195949	21.13	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.23	93	150270	21.45	ng/ul	98
10) 2-Chlorophenol	7.37	128	154437	20.49	ng/ul	98
11) 2-Methylphenol	8.25	108	149070	21.21	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.33	45	191387	20.46	ng/ul	98
14) Acetophenone	8.62	105	235895	21.24	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	119798	20.43	ng/ul	96
16) 4-Methylphenol	8.57	108	161131	21.12	ng/ul	99
17) Hexachloroethane	8.87	117	61592	20.43	ng/ul	94
20) Nitrobenzene	9.00	77	175546	19.58	ng/ul	96
21) Isophorone	9.52	82	333246	19.88	ng/ul	97
23) 2-Nitrophenol	9.71	139	87340	19.93	ng/ul	90
24) 2,4-Dimethylphenol	9.77	107	175230	19.35	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	199445	20.20	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	147654	19.52	ng/ul	97
28) Naphthalene	10.65	128	483445	19.88	ng/ul	99
30) 4-Chloroaniline	10.75	127	183896	23.36	ng/ul	97
31) Hexachlorobutadiene	10.92	225	91920	18.18	ng/ul	97
32) Caprolactam	11.51	113	50577	20.03	ng/ul	97
33) 4-Chloro-3-methylphenol	11.89	107	161906	19.53	ng/ul	97
34) 2-Methylnaphthalene	12.26	142	346836	19.49	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	177517	18.93 ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	89404	15.18 ng/ul	95
38) 2,4,6-Trichlorophenol	12.87	196	116353	19.04 ng/ul	97
39) 2,4,5-Trichlorophenol	12.95	196	128020	19.02 ng/ul	96
40) 1,1'-Biphenyl	13.27	154	449477	19.51 ng/ul	100
41) 2-Chloronaphthalene	13.31	162	349676	19.69 ng/ul	99
42) 2-Nitroaniline	13.52	65	105281	19.70 ng/ul	95
44) Dimethylphthalate	13.89	163	425289	19.21 ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	87850	19.63 ng/ul	99
47) Acenaphthylene	14.16	152	557736	19.60 ng/ul	99
48) 3-Nitroaniline	14.35	138	88194	21.27 ng/ul	97
49) Acenaphthene	14.50	153	363096	19.35 ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	35606	14.21 ng/ul	91
52) 4-Nitrophenol	14.67	109	64917	15.24 ng/ul	88
53) Dibenzofuran	14.84	168	522814	19.51 ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	126844	19.42 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.07	232	97194	16.53 ng/ul	95
56) Diethylphthalate	15.26	149	433217	19.19 ng/ul	99
58) Fluorene	15.49	166	413126	19.27 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	201384	18.79 ng/ul	95
60) 4-Nitroaniline	15.50	138	94086	18.60 ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.57	198	65121	17.73 ng/ul#	97
64) N-Nitrosodiphenylamine	15.70	169	361772	19.61 ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	128295	18.95 ng/ul	98
66) Hexachlorobenzene	16.49	284	144319	18.70 ng/ul	96
67) Atrazine	16.64	200	134835	19.53 ng/ul	97
68) Pentachlorophenol	16.83	266	60326	13.02 ng/ul	97
69) Phenanthrene	17.22	178	658244	19.37 ng/ul	99
71) Anthracene	17.32	178	673198	19.44 ng/ul	99
72) Carbazole	17.59	167	624725	20.79 ng/ul	100
73) Di-n-butylphthalate	18.14	149	750129	20.57 ng/ul	99
74) Fluoranthene	19.24	202	767228	20.06 ng/ul	98
77) Pyrene	19.60	202	783823	20.80 ng/ul	97
78) Butylbenzylphthalate	20.49	149	353128	22.24 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.27	252	233290	19.63 ng/ul	99
80) Benzo(a)anthracene	21.34	228	765241	19.86 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	491925	21.93 ng/ul	99
82) Chrysene	21.40	228	728046	19.86 ng/ul	100
84) Di-n-octyl phthalate	22.16	149	868882	22.63 ng/ul	99
85) Benzo(b)fluoranthene	22.95	252	764801	19.37 ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	756711	20.25 ng/ul	99
88) Benzo(a)pyrene	23.53	252	755407	19.73 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.94	276	868295	19.09 ng/ul	96
90) Dibenzo(a,h)anthracene	25.95	278	728288	19.22 ng/ul	98
91) Benzo(g,h,i)perylene	26.65	276	738493	19.31 ng/ul	98

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

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