Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005614.D
Acq On : 23 May 2016 17:35
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02068

Quant Time: May 24 06:54:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:45:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	100894	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	444426	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	252924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	578083	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	623764	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	644122	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	17003	7.38	ng/uL	0.00
5) Phenol-d5	6.98	99	169734	20.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	98668	20.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	139362	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	138591	20.45	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	67870	19.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	75477	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	136826	19.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	161829	22.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	404390	19.59	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	511061	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	73776	18.89	ng/ul	0.00
57) Fluorene-d10	15.43	176	353204	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	61781	18.58	ng/ul	0.00
70) Anthracene-d10	17.28	188	539932	19.61	ng/ul	0.00
76) Pyrene-d10	19.57	212	593961	21.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	586148	19.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	29997	7.38	ng/uL	96
4) Benzaldehyde	6.95	77	76517	14.26	ng/ul	99
6) Phenol	7.00	94	174445	20.48	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.23	93	132542	20.59	ng/ul	98
10) 2-Chlorophenol	7.37	128	138893	20.06	ng/ul	99
11) 2-Methylphenol	8.25	108	133400	20.66	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.34	45	172719	20.10	ng/ul	99
14) Acetophenone	8.62	105	209302	20.51	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	107862	20.02	ng/ul	97
16) 4-Methylphenol	8.58	108	144248	20.57	ng/ul	96
17) Hexachloroethane	8.87	117	56012	20.22	ng/ul	95
20) Nitrobenzene	9.00	77	159154	19.33	ng/ul	97
21) Isophorone	9.52	82	303442	19.72	ng/ul	99
23) 2-Nitrophenol	9.71	139	79856	19.85	ng/ul	91
24) 2,4-Dimethylphenol	9.77	107	160085	19.26	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.00	93	180769	19.94	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	134099	19.31	ng/ul	98
28) Naphthalene	10.65	128	437050	19.58	ng/ul	99
30) 4-Chloroaniline	10.76	127	164081	22.70	ng/ul	97
31) Hexachlorobutadiene	10.92	225	83822	18.06	ng/ul	99
32) Caprolactam	11.52	113	47611	20.54	ng/ul	92
33) 4-Chloro-3-methylphenol	11.89	107	150075	19.72	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	317239	19.42	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	166332	19.25 ng/ul	100
37) Hexachlorocyclopentadiene	12.60	237	84965	15.66 ng/ul	96
38) 2,4,6-Trichlorophenol	12.87	196	108926	19.34 ng/ul	97
39) 2,4,5-Trichlorophenol	12.95	196	116140	18.73 ng/ul	96
40) 1,1'-Biphenyl	13.27	154	412992	19.45 ng/ul	100
41) 2-Chloronaphthalene	13.32	162	321778	19.67 ng/ul	99
42) 2-Nitroaniline	13.52	65	100571	20.42 ng/ul	98
44) Dimethylphthalate	13.90	163	399123	19.56 ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	84042	20.38 ng/ul	96
47) Acenaphthylene	14.16	152	522675	19.93 ng/ul	99
48) 3-Nitroaniline	14.34	138	81427	21.31 ng/ul	98
49) Acenaphthene	14.50	153	337450	19.51 ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	34980	15.15 ng/ul	92
52) 4-Nitrophenol	14.67	109	63627	16.21 ng/ul	87
53) Dibenzofuran	14.84	168	482605	19.54 ng/ul	100
54) 2,4-Dinitrotoluene	14.81	165	122468	20.35 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.07	232	92800	17.12 ng/ul	93
56) Diethylphthalate	15.26	149	410789	19.74 ng/ul	98
58) Fluorene	15.49	166	388231	19.65 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	189755	19.22 ng/ul	96
60) 4-Nitroaniline	15.51	138	87596	18.79 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.57	198	64798	18.55 ng/ul#	98
64) N-Nitrosodiphenylamine	15.70	169	344458	19.64 ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	122772	19.07 ng/ul	99
66) Hexachlorobenzene	16.49	284	136427	18.60 ng/ul	98
67) Atrazine	16.64	200	130690	19.91 ng/ul	99
68) Pentachlorophenol	16.84	266	54102m	12.28 ng/ul	
69) Phenanthrene	17.23	178	629247	19.48 ng/ul	99
71) Anthracene	17.32	178	638679	19.40 ng/ul	100
72) Carbazole	17.59	167	596882	20.89 ng/ul	100
73) Di-n-butylphthalate	18.14	149	725467	20.92 ng/ul	99
74) Fluoranthene	19.24	202	740443	20.36 ng/ul	97
77) Pyrene	19.60	202	751266	20.95 ng/ul	99
78) Butylbenzylphthalate	20.50	149	338848	22.42 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.28	252	221462	19.58 ng/ul	100
80) Benzo(a)anthracene	21.34	228	726609	19.82 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	460665	21.58 ng/ul	99
82) Chrysene	21.40	228	683867	19.61 ng/ul	100
84) Di-n-octyl phthalate	22.16	149	817580	22.13 ng/ul	99
85) Benzo(b)fluoranthene	22.95	252	732184	19.27 ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	718647	19.98 ng/ul	99
88) Benzo(a)pyrene	23.54	252	719700	19.53 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.95	276	851632	19.46 ng/ul	97
90) Dibenzo(a,h)anthracene	25.96	278	711959	19.53 ng/ul	99
91) Benzo(g,h,i)perylene	26.66	276	719838	19.56 ng/ul	98

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

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