Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005581.D
Acq On : 22 May 2016 11:02
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02061

Quant Time: May 23 07:39:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	41708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	202481	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	133361	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	324404	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	414350	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	451459	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	6454	6.78	ng/uL	0.00
5) Phenol-d5	6.99	99	76324	22.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	42413	21.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	59557	20.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	65980	23.55	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	31297	20.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	35916	21.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	66621	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	71431	22.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	224633	20.63	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	268892	19.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	43034	20.90	ng/ul	0.00
57) Fluorene-d10	15.44	176	190389	20.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	37901	20.31	ng/ul	0.00
70) Anthracene-d10	17.29	188	309286	20.01	ng/ul	0.00
76) Pyrene-d10	19.57	212	344341	18.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	408773	19.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	11420	6.80	ng/uL	97
4) Benzaldehyde	6.96	77	34010	15.33	ng/ul	98
6) Phenol	7.01	94	77547	22.02	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.24	93	56799	21.35	ng/ul	98
10) 2-Chlorophenol	7.38	128	59284	20.71	ng/ul	98
11) 2-Methylphenol	8.26	108	61025	22.86	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.35	45	76279	21.47	ng/ul	99
14) Acetophenone	8.63	105	101845	24.14	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.62	70	53967	24.23	ng/ul	97
16) 4-Methylphenol	8.58	108	69112	23.85	ng/ul	99
17) Hexachloroethane	8.89	117	22674	19.80	ng/ul	98
20) Nitrobenzene	9.01	77	75013	20.00	ng/ul	100
21) Isophorone	9.53	82	152325	21.72	ng/ul	99
23) 2-Nitrophenol	9.72	139	38364	20.93	ng/ul	94
24) 2,4-Dimethylphenol	9.78	107	79812	21.07	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.02	93	85125	20.61	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	65464	20.69	ng/ul	97
28) Naphthalene	10.65	128	202175	19.88	ng/ul	99
30) 4-Chloroaniline	10.76	127	73616	22.36	ng/ul	98
31) Hexachlorobutadiene	10.93	225	40462	19.14	ng/ul	98
32) Caprolactam	11.55	113	25905	24.53	ng/ul	96
33) 4-Chloro-3-methylphenol	11.89	107	78428	22.62	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	157030	21.10	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	84600	18.57 ng/ul	98
37) Hexachlorocyclopentadiene	12.61	237	51392	17.96 ng/ul	93
38) 2,4,6-Trichlorophenol	12.87	196	58975	19.86 ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	64437	19.71 ng/ul	97
40) 1,1'-Biphenyl	13.28	154	210309	18.79 ng/ul	98
41) 2-Chloronaphthalene	13.32	162	162717	18.86 ng/ul	99
42) 2-Nitroaniline	13.53	65	53465	20.59 ng/ul	97
44) Dimethylphthalate	13.90	163	218575	20.32 ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	46489	21.38 ng/ul	99
47) Acenaphthylene	14.17	152	273309	19.77 ng/ul	99
48) 3-Nitroaniline	14.35	138	40429	20.06 ng/ul	99
49) Acenaphthene	14.51	153	180413	19.79 ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	24632	20.24 ng/ul	98
52) 4-Nitrophenol	14.67	109	42321	20.45 ng/ul	100
53) Dibenzofuran	14.85	168	258872	19.88 ng/ul	98
54) 2,4-Dinitrotoluene	14.81	165	68630	21.62 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.07	232	57918	20.27 ng/ul	98
56) Diethylphthalate	15.27	149	232106	21.16 ng/ul	100
58) Fluorene	15.49	166	215296	20.66 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.49	204	105213	20.21 ng/ul	98
60) 4-Nitroaniline	15.52	138	46556	18.94 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.57	198	39993	20.41 ng/ul#	94
64) N-Nitrosodiphenylamine	15.70	169	192548	19.56 ng/ul	100
65) 4-Bromophenyl-phenylether	16.38	248	69923	19.35 ng/ul	95
66) Hexachlorobenzene	16.49	284	80786	19.62 ng/ul	100
67) Atrazine	16.66	200	79340	21.54 ng/ul	99
68) Pentachlorophenol	16.84	266	43801	17.72 ng/ul	98
69) Phenanthrene	17.23	178	358346	19.76 ng/ul	99
71) Anthracene	17.32	178	368658	19.95 ng/ul	99
72) Carbazole	17.59	167	341703	21.31 ng/ul	99
73) Di-n-butylphthalate	18.15	149	426249	21.90 ng/ul#	98
74) Fluoranthene	19.24	202	433661	21.25 ng/ul	99
77) Pyrene	19.60	202	437608	18.37 ng/ul	99
78) Butylbenzylphthalate	20.50	149	202494	20.17 ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.28	252	145630	19.39 ng/ul	98
80) Benzo(a)anthracene	21.35	228	446633	18.34 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	291974	20.59 ng/ul#	88
82) Chrysene	21.40	228	434993	18.77 ng/ul	100
84) Di-n-octyl phthalate	22.17	149	761343	29.40 ng/ul#	94
85) Benzo(b)fluoranthene	22.96	252	503566	18.91 ng/ul	100
86) Benzo(k)fluoranthene	23.00	252	464298	18.42 ng/ul	99
88) Benzo(a)pyrene	23.54	252	497829	19.27 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.96	276	627995	20.47 ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	524940	20.54 ng/ul	99
91) Benzo(g,h,i)perylene	26.66	276	522594	20.26 ng/ul	99

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

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