Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042016\
Data File : BM005021.D
Acq On : 21 Apr 2016 10:10
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02064

Quant Time: Apr 21 11:09:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 22:59:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	54558	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	238696	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	139726	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	303695	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	324610	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	317367	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	8067	7.92	ng/uL	0.00
5) Phenol-d5	6.98	99	79935	20.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	45706	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	66538	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	66329	20.62	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	32161	20.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	36039	20.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	66431	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	85369	23.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	192049	20.21	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	241265	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	31554	19.46	ng/ul	0.00
57) Fluorene-d10	15.44	176	167245	20.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	22361	17.02	ng/ul	0.00
70) Anthracene-d10	17.29	188	249918	20.71	ng/ul	0.00
76) Pyrene-d10	19.59	212	266401	19.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	252780	20.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	14815	7.97	ng/uL	97
4) Benzaldehyde	6.95	77	51539	23.14	ng/ul	98
6) Phenol	7.00	94	83886	20.81	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	64090	20.35	ng/ul	98
10) 2-Chlorophenol	7.37	128	67215	20.10	ng/ul	99
11) 2-Methylphenol	8.25	108	64461	20.35	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.34	45	80236	20.52	ng/ul	99
14) Acetophenone	8.62	105	103763	21.55	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.61	70	49821	19.62	ng/ul	99
16) 4-Methylphenol	8.57	108	70415	20.54	ng/ul	98
17) Hexachloroethane	8.88	117	26474	20.19	ng/ul	99
20) Nitrobenzene	9.00	77	75539	20.46	ng/ul	99
21) Isophorone	9.52	82	139954	19.98	ng/ul	99
23) 2-Nitrophenol	9.71	139	38719	20.55	ng/ul	92
24) 2,4-Dimethylphenol	9.77	107	78932	20.82	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	85762	19.49	ng/ul	100
27) 2,4-Dichlorophenol	10.25	162	66927	20.55	ng/ul	99
28) Naphthalene	10.65	128	218943	20.59	ng/ul	100
30) 4-Chloroaniline	10.76	127	86788	23.58	ng/ul	99
31) Hexachlorobutadiene	10.93	225	45036	21.44	ng/ul	99
32) Caprolactam	11.51	113	19646	19.62	ng/ul	89
33) 4-Chloro-3-methylphenol	11.88	107	71995	20.06	ng/ul	100
34) 2-Methylnaphthalene	12.26	142	156795	20.23	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.63	216	83805	21.00	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	43083	20.17	ng/ul	96
38) 2,4,6-Trichlorophenol	12.87	196	53604	20.42	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	58068	20.50	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	207030	20.66	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	157499	20.65	ng/ul	99
42) 2-Nitroaniline	13.52	65	42950	20.02	ng/ul	98
44) Dimethylphthalate	13.90	163	189998	20.08	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	39130	20.77	ng/ul	97
47) Acenaphthylene	14.16	152	254635	20.57	ng/ul	98
48) 3-Nitroaniline	14.35	138	41241	21.66	ng/ul	97
49) Acenaphthene	14.51	153	164981	20.48	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	11582	13.89	ng/ul	95
52) 4-Nitrophenol	14.66	109	27435	20.04	ng/ul	99
53) Dibenzofuran	14.85	168	240284	20.61	ng/ul	99
54) 2,4-Dinitrotoluene	14.81	165	55737	20.78	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.07	232	48218	20.69	ng/ul	99
56) Diethylphthalate	15.26	149	188366	20.33	ng/ul	99
58) Fluorene	15.49	166	185718	20.71	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	92809	20.65	ng/ul	97
60) 4-Nitroaniline	15.52	138	41902	21.19	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.57	198	23431	17.09	ng/ul	96
64) N-Nitrosodiphenylamine	15.70	169	160575	20.48	ng/ul	100
65) 4-Bromophenyl-phenylether	16.38	248	57879	20.73	ng/ul	99
66) Hexachlorobenzene	16.50	284	65059	20.80	ng/ul	97
67) Atrazine	16.65	200	57420	21.64	ng/ul	98
68) Pentachlorophenol	16.84	266	35956	20.92	ng/ul	98
69) Phenanthrene	17.23	178	292428	20.63	ng/ul	99
71) Anthracene	17.32	178	295335	20.60	ng/ul	99
72) Carbazole	17.59	167	267027	22.12	ng/ul	100
73) Di-n-butylphthalate	18.15	149	298227	20.52	ng/ul	99
74) Fluoranthene	19.25	202	327319	22.42	ng/ul	97
77) Pyrene	19.62	202	336507	19.61	ng/ul	97
78) Butylbenzylphthalate	20.51	149	134364	20.25	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.30	252	110838	23.29	ng/ul	99
80) Benzo(a)anthracene	21.36	228	327915	20.50	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	187369	20.64	ng/ul	100
82) Chrysene	21.42	228	309215	20.41	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	330484	21.70	ng/ul	99
85) Benzo(b)fluoranthene	22.97	252	329108	20.90	ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	311267	20.50	ng/ul	99
88) Benzo(a)pyrene	23.57	252	315540	20.93	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.98	276	346158	20.63	ng/ul	97
90) Dibenzo(a,h)anthracene	25.99	278	290392	20.67	ng/ul	98
91) Benzo(g,h,i)perylene	26.69	276	285518	20.21	ng/ul	97

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

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