Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005078.D
Acq On : 26 Apr 2016 12:58
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02043

Quant Time: Apr 26 13:32:52 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 26 00:45:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	68882	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	330818	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	208439	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	483988	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	529317	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	461127	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	11717	8.64	ng/uL	0.00
5) Phenol-d5	6.97	99	121285	21.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	70031	21.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	94629	20.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	102494	21.22	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	47906	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	53829	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	101849	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	136871	24.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	331373	20.13	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	404381	20.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	59549	20.70	ng/ul	0.00
57) Fluorene-d10	15.43	176	292093	20.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	56627	20.57	ng/ul	0.00
70) Anthracene-d10	17.29	188	451190	20.79	ng/ul	0.00
76) Pyrene-d10	19.58	212	504838	20.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	430119	20.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	21532	8.56	ng/uL	97
4) Benzaldehyde	6.95	77	73860	26.11	ng/ul	98
6) Phenol	6.99	94	126091	21.23	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	99170	21.78	ng/ul	99
10) 2-Chlorophenol	7.36	128	97991	21.15	ng/ul	97
11) 2-Methylphenol	8.24	108	98994	21.35	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.33	45	125600	21.32	ng/ul	99
14) Acetophenone	8.62	105	153956	21.18	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	78966	21.69	ng/ul	99
16) 4-Methylphenol	8.57	108	111203	21.56	ng/ul	95
17) Hexachloroethane	8.87	117	37627	20.40	ng/ul	92
20) Nitrobenzene	9.00	77	117770	20.89	ng/ul	98
21) Isophorone	9.52	82	226800	21.18	ng/ul	99
23) 2-Nitrophenol	9.71	139	59185	21.30	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	121755	20.35	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	141521	21.27	ng/ul	99
27) 2,4-Dichlorophenol	10.24	162	103239	20.68	ng/ul	98
28) Naphthalene	10.64	128	340641	20.42	ng/ul	100
30) 4-Chloroaniline	10.75	127	141991	24.50	ng/ul	100
31) Hexachlorobutadiene	10.92	225	61235	18.59	ng/ul	98
32) Caprolactam	11.50	113	35086	20.32	ng/ul	92
33) 4-Chloro-3-methylphenol	11.87	107	121000	21.20	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	251342	20.35	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	128643	19.76	ng/ul	98
37) Hexachlorocyclopentadiene	12.60	237	70301	18.19	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	86130	20.79	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	96969	20.90	ng/ul	98
40) 1,1'-Biphenyl	13.27	154	342855	20.79	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	254685	20.31	ng/ul	100
42) 2-Nitroaniline	13.52	65	75715	22.26	ng/ul	98
44) Dimethylphthalate	13.89	163	331389	20.07	ng/ul	100
45) 2,6-Dinitrotoluene	14.02	165	66030	20.71	ng/ul	94
47) Acenaphthylene	14.16	152	436827	21.06	ng/ul	100
48) 3-Nitroaniline	14.35	138	73220	22.57	ng/ul	99
49) Acenaphthene	14.50	153	282617	20.71	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	35096	18.86	ng/ul	97
52) 4-Nitrophenol	14.66	109	48682	18.92	ng/ul	95
53) Dibenzofuran	14.84	168	412697	20.51	ng/ul	100
54) 2,4-Dinitrotoluene	14.81	165	100624	20.77	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.07	232	82599	20.50	ng/ul	99
56) Diethylphthalate	15.26	149	336312	20.18	ng/ul	99
58) Fluorene	15.49	166	326885	20.92	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.48	204	157715	20.01	ng/ul	97
60) 4-Nitroaniline	15.52	138	76246	21.80	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.57	198	60099	20.73	ng/ul#	93
64) N-Nitrosodiphenylamine	15.70	169	289319	21.75	ng/ul	98
65) 4-Bromophenyl-phenylether	16.37	248	96454	20.42	ng/ul	98
66) Hexachlorobenzene	16.49	284	106525	19.80	ng/ul	98
67) Atrazine	16.65	200	104198	21.26	ng/ul	97
68) Pentachlorophenol	16.84	266	61144	19.70	ng/ul	96
69) Phenanthrene	17.23	178	538286	20.90	ng/ul	99
71) Anthracene	17.32	178	550382	21.20	ng/ul	100
72) Carbazole	17.59	167	503611	22.62	ng/ul	99
73) Di-n-butylphthalate	18.15	149	566387	21.72	ng/ul	100
74) Fluoranthene	19.24	202	623832	22.01	ng/ul	99
77) Pyrene	19.61	202	644874	21.09	ng/ul	98
78) Butylbenzylphthalate	20.51	149	260330	22.14	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.30	252	207584	21.93	ng/ul	98
80) Benzo(a)anthracene	21.36	228	618238	20.41	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	376549	22.80	ng/ul	99
82) Chrysene	21.42	228	594124	20.49	ng/ul	100
84) Di-n-octyl phthalate	22.17	149	668320	23.31	ng/ul	99
85) Benzo(b)fluoranthene	22.97	252	587949	21.17	ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	550974	20.40	ng/ul	100
88) Benzo(a)pyrene	23.56	252	540336	20.83	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.98	276	498817	20.16	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	422111	20.42	ng/ul	97
91) Benzo(g,h,i)perylene	26.69	276	400014	19.76	ng/ul	99

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

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