Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070815\
Data File : BM001883.D
Acq On : 08 Jul 2015 18:39
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02027

Quant Time: Jul 09 04:31:49 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 09 04:30:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	78246	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	294051	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	170429	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	371663	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	434139	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	454686	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	12111	7.38	ng/uL	0.00
5) Phenol-d5	6.83	99	113487	18.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	61513	18.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	93924	19.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	90101	18.68	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	42839	21.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	49698	22.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	96863	20.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	114912	23.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	234458	18.55	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	320065	19.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	44341	19.02	ng/ul	0.00
57) Fluorene-d10	15.32	176	220048	18.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	39320	17.32	ng/ul	0.00
70) Anthracene-d10	17.17	188	332730	19.22	ng/ul	0.00
78) Pyrene-d10	19.47	212	358716	19.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	385196	19.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	12903	6.89	ng/uL	96
4) Benzaldehyde	6.81	77	77711	19.77	ng/ul	98
6) Phenol	6.86	94	115242	18.58	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.10	93	86451	18.56	ng/ul	97
10) 2-Chlorophenol	7.23	128	95054	19.32	ng/ul	96
11) 2-Methylphenol	8.11	108	86714	18.89	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.20	45	98958	17.35	ng/ul	96
14) Acetophenone	8.49	105	141369	18.46	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.47	70	70420	18.82	ng/ul	96
16) 4-Methylphenol	8.44	108	92691	18.58	ng/ul	100
17) Hexachloroethane	8.73	117	38444	19.46	ng/ul	99
20) Nitrobenzene	8.87	77	105095	19.07	ng/ul	98
21) Isophorone	9.39	82	183301	19.91	ng/ul	99
23) 2-Nitrophenol	9.57	139	51737	21.22	ng/ul	93
24) 2,4-Dimethylphenol	9.64	107	106187	18.85	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.87	93	108091	18.82	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	91630	19.83	ng/ul	96
28) Naphthalene	10.50	128	283339	19.08	ng/ul	99
30) 4-Chloroaniline	10.62	127	115349	23.44	ng/ul	99
31) Hexachlorobutadiene	10.78	225	68651	19.39	ng/ul	97
32) Caprolactam	11.39	113	27171	19.68	ng/ul	84
33) 4-Chloro-3-methylphenol	11.75	107	93547	19.02	ng/ul	94
34) 2-Methylnaphthalene	12.13	142	202109	18.82	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	122775	19.28	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	55770	14.49	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	76226	20.57	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	81474	20.09	ng/ul	97
40) 1,1'-Biphenyl	13.15	154	259340	18.64	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	208129	19.08	ng/ul	97
42) 2-Nitroaniline	13.40	65	58024	20.07	ng/ul	91
44) Dimethylphthalate	13.78	163	256207	18.55	ng/ul	100
45) 2,6-Dinitrotoluene	13.91	165	54053	20.82	ng/ul	92
47) Acenaphthylene	14.05	152	318794	18.87	ng/ul	99
48) 3-Nitroaniline	14.24	138	55687	22.95	ng/ul	89
49) Acenaphthene	14.39	153	212610	18.83	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	24969	15.51	ng/ul	90
52) 4-Nitrophenol	14.54	109	41967	17.42	ng/ul	97
53) Dibenzofuran	14.72	168	302474	18.71	ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	77019	20.12	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	14.95	232	70065	19.99	ng/ul	97
56) Diethylphthalate	15.15	149	248814	18.94	ng/ul	97
58) Fluorene	15.37	166	252598	18.78	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	134931	18.60	ng/ul	97
60) 4-Nitroaniline	15.40	138	56973	20.69	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.47	198	40952	16.93	ng/ul	98
64) N-Nitrosodiphenylamine	15.59	169	212238	19.55	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	80371	19.39	ng/ul	97
66) Hexachlorobenzene	16.37	284	89338	19.18	ng/ul	98
67) Atrazine	16.54	200	85308	19.50	ng/ul	93
68) Pentachlorophenol	16.72	266	53460	18.73	ng/ul	98
69) Phenanthrene	17.12	178	377466	18.73	ng/ul	99
71) Anthracene	17.20	178	392370	18.96	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	116888	20.01	ng/uL	94
73) Pentachlorobenzene	14.64	250	107372	19.49	ng/uL	96
74) Carbazole	17.48	167	343463	18.92	ng/ul	100
75) Di-n-butylphthalate	18.04	149	408226	21.05	ng/ul	99
76) Fluoranthene	19.13	202	445008	18.46	ng/ul	98
79) Pyrene	19.50	202	458787	19.05	ng/ul	99
80) Butylbenzylphthalate	20.40	149	187526	23.86	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.19	252	171557	22.24	ng/ul	98
82) Benzo(a)anthracene	21.25	228	491028	19.36	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	270227	22.87	ng/ul	99
84) Chrysene	21.30	228	457884	19.04	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	494362	22.12	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	492745	18.62	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	495937	19.39	ng/ul	98
90) Benzo(a)pyrene	23.40	252	493550	19.17	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.75	276	581283	19.04	ng/ul	99
92) Dibenzo(a,h)anthracene	25.76	278	493745	19.17	ng/ul	99
93) Benzo(g,h,i)perylene	26.44	276	493003	19.20	ng/ul	99

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

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