Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003125.D
Acq On : 15 Nov 2015 10:43
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02040

Quant Time: Nov 16 02:28:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 11:02:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	125897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	551237	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.39	164	311410	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	684770	20.00	ng/ul	-0.01
78) Chrysene-d12	21.33	240	736295	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	733347	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	18446	6.91	ng/uL	-0.01
5) Phenol-d5	6.90	99	163205	16.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	92769	15.94	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.27	132	139788	16.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	133857	16.68	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	63068	18.76	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.62	143	66317	19.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	131237	17.18	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.67	131	170541	17.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	401981	17.16	ng/ul	-0.01
47) Acenaphthylene-d8	14.08	160	489366	16.48	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.58	143	74044	18.75	ng/ul	0.00
58) Fluorene-d10	15.39	176	348229	17.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	58499	18.45	ng/ul	0.00
71) Anthracene-d10	17.23	188	521901	17.19	ng/ul	0.00
79) Pyrene-d10	19.53	212	564658	15.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	604974	17.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	19853	6.81	ng/uL#	90
4) Benzaldehyde	6.89	77	68748	13.44	ng/ul	97
6) Phenol	6.93	94	171849	16.78	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.17	93	133890	16.38	ng/ul	99
10) 2-Chlorophenol	7.30	128	145939	16.75	ng/ul	98
11) 2-Methylphenol	8.18	108	130560	16.34	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.28	45	148806	14.81	ng/ul#	91
14) Acetophenone	8.56	105	209938	17.23	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	97626	16.18	ng/ul	92
16) 4-Methylphenol	8.51	108	144664	16.76	ng/ul	100
17) Hexachloroethane	8.82	117	54892	16.56	ng/ul	95
20) Nitrobenzene	8.94	77	145703	17.89	ng/ul	93
21) Isophorone	9.46	82	266099	16.11	ng/ul	96
23) 2-Nitrophenol	9.65	139	75861	19.18	ng/ul#	90
24) 2,4-Dimethylphenol	9.71	107	158880	17.19	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.95	93	177760	16.66	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	136251	17.39	ng/ul	99
28) Naphthalene	10.59	128	467319	16.89	ng/ul	100
30) 4-Chloroaniline	10.69	127	179890	17.37	ng/ul	100
31) Hexachlorobutadiene	10.87	225	85434	17.60	ng/ul	99
32) Caprolactam	11.45	113	38186	17.22	ng/ul	92
33) 4-Chloro-3-methylphenol	11.82	107	140222	16.93	ng/ul	95
34) 2-Methylnaphthalene	12.20	142	337848	16.95	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	328342	16.80 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	165200	16.58 ng/ul	99
38) Hexachlorocyclopentadiene	12.56	237	97218	16.58 ng/ul	97
39) 2,4,6-Trichlorophenol	12.82	196	101372	16.66 ng/ul	99
40) 2,4,5-Trichlorophenol	12.88	196	111976	17.12 ng/ul	99
41) 1,1'-Biphenyl	13.22	154	433353	16.52 ng/ul	99
42) 2-Chloronaphthalene	13.26	162	323734	16.59 ng/ul	99
43) 2-Nitroaniline	13.46	65	73403	18.71 ng/ul	89
45) Dimethylphthalate	13.85	163	408857	17.13 ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	74624	19.13 ng/ul#	88
48) Acenaphthylene	14.11	152	532087	16.78 ng/ul	99
49) 3-Nitroaniline	14.29	138	73799	17.88 ng/ul	94
50) Acenaphthene	14.46	153	354078	16.58 ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	39478	18.21 ng/ul	94
53) 4-Nitrophenol	14.60	109	57134	19.03 ng/ul#	71
54) Dibenzofuran	14.79	168	501193	16.79 ng/ul	97
55) 2,4-Dinitrotoluene	14.75	165	112465	20.48 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.02	232	95093	17.61 ng/ul	98
57) Diethylphthalate	15.22	149	408612	17.36 ng/ul	99
59) Fluorene	15.44	166	401379	17.30 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.43	204	191788	17.61 ng/ul	95
61) 4-Nitroaniline	15.46	138	78456	17.74 ng/ul#	80
64) 4,6-Dinitro-2-methylphenol	15.52	198	63310	18.42 ng/ul	97
65) N-Nitrosodiphenylamine	15.65	169	343859	16.72 ng/ul	99
66) 4-Bromophenyl-phenylether	16.33	248	116527	17.48 ng/ul	97
67) Hexachlorobenzene	16.44	284	135376	16.75 ng/ul	97
68) Atrazine	16.60	200	121605	17.12 ng/ul	97
69) Pentachlorophenol	16.79	266	73701	16.27 ng/ul	98
70) Phenanthrene	17.17	178	635767	16.40 ng/ul	99
72) Anthracene	17.27	178	642435	16.96 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	161743	15.58 ng/uL	99
74) Pentachlorobenzene	14.71	250	157339	16.03 ng/uL	98
75) Carbazole	17.54	167	567125	17.53 ng/ul	99
76) Di-n-butylphthalate	18.10	149	657119	17.64 ng/ul	99
77) Fluoranthene	19.20	202	700854	17.88 ng/ul	95
80) Pyrene	19.56	202	755104	15.68 ng/ul#	92
81) Butylbenzylphthalate	20.47	149	278728	19.61 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.25	252	216695	21.06 ng/ul	98
83) Benzo(a)anthracene	21.31	228	710428	17.57 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	418090	18.81 ng/ul	99
85) Chrysene	21.36	228	673251	16.83 ng/ul	99
87) Di-n-octyl phthalate	22.13	149	705638	18.68 ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	734236	17.38 ng/ul#	97
89) Benzo(k)fluoranthene	22.96	252	672669	17.06 ng/ul#	96
91) Benzo(a)pyrene	23.49	252	696097	17.40 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.87	276	825419	18.76 ng/ul	93
93) Dibenzo(a,h)anthracene	25.89	278	701707	20.24 ng/ul#	93
94) Benzo(g,h,i)perylene	26.57	276	693026	17.51 ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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