Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003134.D
Acq On : 15 Nov 2015 16:10
Operator : UM/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02041

Manual Integrations APPROVED
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11/16/2015 3:29:36 PM

Quant Time: Nov 16 03:25:34 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 02:34:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	114830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	500344	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	288825	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	635455	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	710057	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	720218	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	16526	6.78	ng/uL	0.00
5) Phenol-d5	6.90	99	148486	16.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	83486	15.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	127901	16.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	123167	16.83	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	60042	19.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	63190	20.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	122543	17.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	158531	17.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	378104	17.40	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	459484	16.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	70087	19.14	ng/ul	0.00
58) Fluorene-d10	15.39	176	322824	17.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	54310	18.45	ng/ul	0.00
71) Anthracene-d10	17.23	188	488770	17.35	ng/ul	0.00
79) Pyrene-d10	19.53	212	536348	15.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	606806	17.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	17049	6.41	ng/uL	93
4) Benzaldehyde	6.89	77	63872	13.69	ng/ul	95
6) Phenol	6.93	94	154173	16.50	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.17	93	120216	16.13	ng/ul	99
10) 2-Chlorophenol	7.31	128	131601	16.56	ng/ul	98
11) 2-Methylphenol	8.18	108	119595	16.41	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.28	45	133613	14.57	ng/ul#	93
14) Acetophenone	8.56	105	193346	17.39	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.55	70	91189	16.57	ng/ul	93
16) 4-Methylphenol	8.51	108	132712	16.86	ng/ul	98
17) Hexachloroethane	8.82	117	51030	16.88	ng/ul	93
20) Nitrobenzene	8.95	77	134024	18.13	ng/ul	92
21) Isophorone	9.46	82	255313	17.03	ng/ul	95
23) 2-Nitrophenol	9.65	139	71160	19.82	ng/ul#	90
24) 2,4-Dimethylphenol	9.71	107	145632	17.36	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.95	93	161953	16.72	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	126626	17.80	ng/ul	99
28) Naphthalene	10.59	128	423646	16.87	ng/ul	100
30) 4-Chloroaniline	10.69	127	167842	17.86	ng/ul	99
31) Hexachlorobutadiene	10.87	225	78824	17.89	ng/ul	99
32) Caprolactam	11.45	113	38277	19.01	ng/ul	94
33) 4-Chloro-3-methylphenol	11.82	107	131274	17.46	ng/ul	96
34) 2-Methylnaphthalene	12.20	142	308443	17.04	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	300671m	16.95	ng/ul	
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	151171	16.36	ng/ul	99
38) Hexachlorocyclopentadiene	12.56	237	77531	14.25	ng/ul	95
39) 2,4,6-Trichlorophenol	12.82	196	96364	17.08	ng/ul	99
40) 2,4,5-Trichlorophenol	12.88	196	105371	17.37	ng/ul	98
41) 1,1'-Biphenyl	13.22	154	396433	16.29	ng/ul	99
42) 2-Chloronaphthalene	13.26	162	297661	16.44	ng/ul	99
43) 2-Nitroaniline	13.47	65	71131	19.55	ng/ul	92
45) Dimethylphthalate	13.85	163	379048	17.12	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	72381	20.00	ng/ul#	86
48) Acenaphthylene	14.11	152	492307	16.74	ng/ul	100
49) 3-Nitroaniline	14.29	138	72224	18.87	ng/ul	92
50) Acenaphthene	14.46	153	325685	16.45	ng/ul	100
51) 2,4-Dinitrophenol	14.50	184	36586	18.19	ng/ul	90
53) 4-Nitrophenol	14.60	109	53427	19.19	ng/ul#	72
54) Dibenzofuran	14.79	168	465024	16.80	ng/ul	96
55) 2,4-Dinitrotoluene	14.76	165	105977	20.81	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.02	232	89772	17.93	ng/ul#	97
57) Diethylphthalate	15.22	149	384119	17.59	ng/ul	100
59) Fluorene	15.44	166	372108	17.29	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.44	204	179841	17.80	ng/ul	97
61) 4-Nitroaniline	15.46	138	77352	18.86	ng/ul#	79
64) 4,6-Dinitro-2-methylphenol	15.52	198	59044	18.51	ng/ul	98
65) N-Nitrosodiphenylamine	15.65	169	322386	16.90	ng/ul	100
66) 4-Bromophenyl-phenylether	16.33	248	107570	17.39	ng/ul	100
67) Hexachlorobenzene	16.44	284	124856	16.65	ng/ul	98
68) Atrazine	16.60	200	117040	17.76	ng/ul	97
69) Pentachlorophenol	16.79	266	70521	16.77	ng/ul	97
70) Phenanthrene	17.18	178	591520	16.44	ng/ul	99
72) Anthracene	17.27	178	596188	16.96	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	148683	15.43	ng/uL	99
74) Pentachlorobenzene	14.71	250	146032	16.03	ng/uL	98
75) Carbazole	17.54	167	532499	17.74	ng/ul	99
76) Di-n-butylphthalate	18.10	149	638827	18.48	ng/ul#	99
77) Fluoranthene	19.20	202	666073	18.31	ng/ul	95
80) Pyrene	19.56	202	701463	15.10	ng/ul#	93
81) Butylbenzylphthalate	20.47	149	290932	21.23	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.25	252	216414	21.81	ng/ul	98
83) Benzo(a)anthracene	21.32	228	687066	17.62	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	438808	20.47	ng/ul	100
85) Chrysene	21.37	228	642692	16.66	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	771568	20.80	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	716363	17.27	ng/ul#	97
89) Benzo(k)fluoranthene	22.96	252	659946	17.05	ng/ul#	96
91) Benzo(a)pyrene	23.49	252	679333	17.30	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.87	276	802069	18.56	ng/ul	93
93) Dibenzo(a,h)anthracene	25.89	278	673543	19.78	ng/ul#	93
94) Benzo(g,h,i)perylene	26.57	276	672162	17.29	ng/ul#	93

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

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