Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072716\
Data File : BM006717.D
Acq On : 28 Jul 2016 09:10
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02046

Quant Time: Jul 28 11:38:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 28 01:25:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	129816	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	556661	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	320993	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	728183	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	848635	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	874783	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	25689	7.69	ng/uL	0.00
5) Phenol-d5	6.79	99	229867	20.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	141325	20.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	174733	19.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	179762	20.09	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	84740	19.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	92518	19.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	170067	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	203998	23.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	511604	19.97	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	655182	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	84796	19.24	ng/ul	0.00
57) Fluorene-d10	15.26	176	447154	20.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	75363	18.99	ng/ul	0.00
70) Anthracene-d10	17.11	188	693141	20.40	ng/ul	0.00
76) Pyrene-d10	19.42	212	785533	19.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	815817	20.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	26567	7.73	ng/uL#	26
4) Benzaldehyde	6.76	77	142694	19.58	ng/ul	97
6) Phenol	6.82	94	240608	19.95	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.04	93	184010	20.19	ng/ul	99
10) 2-Chlorophenol	7.17	128	184179	20.12	ng/ul	96
11) 2-Methylphenol	8.05	108	180551	19.99	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.14	45	263022	19.89	ng/ul	97
14) Acetophenone	8.42	105	285119	20.45	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	151290	19.84	ng/ul	99
16) 4-Methylphenol	8.38	108	196241	20.44	ng/ul	98
17) Hexachloroethane	8.67	117	75040	19.34	ng/ul	93
20) Nitrobenzene	8.80	77	223880	20.37	ng/ul	99
21) Isophorone	9.32	82	401966	19.46	ng/ul	99
23) 2-Nitrophenol	9.51	139	103154	20.28	ng/ul	96
24) 2,4-Dimethylphenol	9.57	107	215764	19.92	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.80	93	251755	19.80	ng/ul	100
27) 2,4-Dichlorophenol	10.04	162	169140	20.04	ng/ul	99
28) Naphthalene	10.43	128	570222	20.49	ng/ul	99
30) 4-Chloroaniline	10.55	127	208641	23.40	ng/ul	100
31) Hexachlorobutadiene	10.72	225	107647	20.23	ng/ul	97
32) Caprolactam	11.30	113	56749	18.43	ng/ul	91
33) 4-Chloro-3-methylphenol	11.69	107	194399	19.69	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	416971	20.39	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	214948	20.83	ng/ul	99
37) Hexachlorocyclopentadiene	12.40	237	75038	16.96	ng/ul	94
38) 2,4,6-Trichlorophenol	12.68	196	138074	19.98	ng/ul	96
39) 2,4,5-Trichlorophenol	12.76	196	139939	19.55	ng/ul	98
40) 1,1'-Biphenyl	13.08	154	535139	20.48	ng/ul	99
41) 2-Chloronaphthalene	13.12	162	410899	20.28	ng/ul	100
42) 2-Nitroaniline	13.34	65	137560	19.39	ng/ul	95
44) Dimethylphthalate	13.72	163	512419	20.00	ng/ul	98
45) 2,6-Dinitrotoluene	13.84	165	103111	19.33	ng/ul	97
47) Acenaphthylene	13.98	152	687556	20.51	ng/ul	99
48) 3-Nitroaniline	14.17	138	102957	21.42	ng/ul	99
49) Acenaphthene	14.32	153	438100	20.50	ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	41276	15.62	ng/ul	93
52) 4-Nitrophenol	14.50	109	77692	19.45	ng/ul	95
53) Dibenzofuran	14.66	168	628555	20.65	ng/ul	100
54) 2,4-Dinitrotoluene	14.64	165	153292	20.44	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.90	232	122111	20.29	ng/ul	98
56) Diethylphthalate	15.09	149	530017	19.56	ng/ul	99
58) Fluorene	15.32	166	502877	20.43	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.31	204	246345	20.55	ng/ul	99
60) 4-Nitroaniline	15.34	138	119889	19.79	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.42	198	82473	19.32	ng/ul	99
64) N-Nitrosodiphenylamine	15.53	169	449128	20.60	ng/ul	99
65) 4-Bromophenyl-phenylether	16.20	248	159988	20.58	ng/ul	98
66) Hexachlorobenzene	16.32	284	171498	20.25	ng/ul	100
67) Atrazine	16.48	200	159502	20.55	ng/ul	100
68) Pentachlorophenol	16.67	266	69745	18.48	ng/ul	94
69) Phenanthrene	17.05	178	818948	20.75	ng/ul	100
71) Anthracene	17.14	178	853651	20.93	ng/ul	100
72) Carbazole	17.42	167	753828	21.12	ng/ul	99
73) Di-n-butylphthalate	17.98	149	922365	19.21	ng/ul	100
74) Fluoranthene	19.08	202	978356	21.88	ng/ul	99
77) Pyrene	19.44	202	1034180	19.96	ng/ul	99
78) Butylbenzylphthalate	20.35	149	429921	18.02	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.14	252	296359	20.45	ng/ul	99
80) Benzo(a)anthracene	21.20	228	1021320	20.17	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.13	149	611856	17.81	ng/ul	99
82) Chrysene	21.25	228	932358	20.21	ng/ul	98
84) Di-n-octyl phthalate	22.00	149	1114696	19.98	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	1065920	20.61	ng/ul	98
86) Benzo(k)fluoranthene	22.80	252	995388	20.98	ng/ul	99
88) Benzo(a)pyrene	23.32	252	1029293	20.87	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.62	276	1185713	20.51	ng/ul	98
90) Dibenzo(a,h)anthracene	25.62	278	994220	20.66	ng/ul	98
91) Benzo(g,h,i)perylene	26.29	276	1016550	20.35	ng/ul	99

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

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