Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041516\
Data File : BM004960.D
Acq On : 15 Apr 2016 16:06
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Manual Integrations APPROVED
Sohil
4/18/2016 7:27:29 PM

Quant Time: Apr 15 23:23:26 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 22:59:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	71503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	333003	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	211918	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	482853	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	443190	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	380588	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	9541	7.15	ng/uL	0.00
5) Phenol-d5	6.97	99	92388	18.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	53760	18.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	74741	17.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	78113	18.52	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	37141	16.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	42019	16.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	78402	17.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	104650	20.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	258708	17.95	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	309977	17.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	39150	15.92	ng/ul	0.00
57) Fluorene-d10	15.44	176	223416	17.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	35440	16.97	ng/ul	0.00
70) Anthracene-d10	17.29	188	336769	17.55	ng/ul	0.00
76) Pyrene-d10	19.59	212	352648	19.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	256338	17.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	16796	6.89	ng/uL	97
4) Benzaldehyde	6.96	77	60751	20.82	ng/ul	98
6) Phenol	7.00	94	95529	18.08	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	76557	18.54	ng/ul	99
10) 2-Chlorophenol	7.37	128	76280	17.40	ng/ul	97
11) 2-Methylphenol	8.25	108	76206	18.36	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	96842	18.90	ng/ul	100
14) Acetophenone	8.63	105	122464	19.40	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.61	70	60509	18.18	ng/ul	98
16) 4-Methylphenol	8.57	108	84876	18.89	ng/ul	97
17) Hexachloroethane	8.89	117	29932	17.42	ng/ul	98
20) Nitrobenzene	9.01	77	89246	17.33	ng/ul	99
21) Isophorone	9.53	82	174606	17.87	ng/ul	99
23) 2-Nitrophenol	9.72	139	45550	17.33	ng/ul	94
24) 2,4-Dimethylphenol	9.77	107	94943	17.95	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.01	93	107372	17.49	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	80767	17.78	ng/ul	99
28) Naphthalene	10.65	128	261090	17.60	ng/ul	100
30) 4-Chloroaniline	10.76	127	105119	20.48	ng/ul	99
31) Hexachlorobutadiene	10.93	225	50823	17.35	ng/ul	97
32) Caprolactam	11.52	113	24701	17.68	ng/ul	96
33) 4-Chloro-3-methylphenol	11.89	107	90370	18.05	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	195123	18.05	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	102261	16.90	ng/ul	97
37) Hexachlorocyclopentadiene	12.61	237	54775	16.91	ng/ul	98
38) 2,4,6-Trichlorophenol	12.87	196	66965	16.82	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	74129m	17.25	ng/ul	
40) 1,1'-Biphenyl	13.28	154	264788	17.42	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	199494	17.25	ng/ul	99
42) 2-Nitroaniline	13.53	65	54279	16.68	ng/ul	98
44) Dimethylphthalate	13.90	163	257392	17.94	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	50796	17.77	ng/ul	97
47) Acenaphthylene	14.17	152	329741	17.57	ng/ul	100
48) 3-Nitroaniline	14.36	138	52986	18.35	ng/ul	99
49) Acenaphthene	14.51	153	213366	17.46	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	17532	13.86	ng/ul	99
52) 4-Nitrophenol	14.66	109	33903	16.33	ng/ul	97
53) Dibenzofuran	14.84	168	313041	17.70	ng/ul	99
54) 2,4-Dinitrotoluene	14.82	165	74463	18.31	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.07	232	63036	17.83	ng/ul	98
56) Diethylphthalate	15.27	149	258034	18.36	ng/ul	99
58) Fluorene	15.50	166	243047	17.87	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.49	204	123712	18.15	ng/ul	100
60) 4-Nitroaniline	15.52	138	53657	17.89	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.57	198	37849	17.36	ng/ul	100
64) N-Nitrosodiphenylamine	15.70	169	216574	17.38	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	77528	17.47	ng/ul	98
66) Hexachlorobenzene	16.50	284	87145	17.53	ng/ul	98
67) Atrazine	16.66	200	78680	18.65	ng/ul	98
68) Pentachlorophenol	16.84	266	45235	16.55	ng/ul	98
69) Phenanthrene	17.24	178	396266	17.59	ng/ul	99
71) Anthracene	17.33	178	402047	17.64	ng/ul	99
72) Carbazole	17.60	167	352092	18.35	ng/ul	100
73) Di-n-butylphthalate	18.16	149	413110	17.88	ng/ul	100
74) Fluoranthene	19.25	202	437027	18.83	ng/ul	99
77) Pyrene	19.62	202	445241	19.00	ng/ul	99
78) Butylbenzylphthalate	20.52	149	164085	18.11	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.30	252	117568	18.09	ng/ul	98
80) Benzo(a)anthracene	21.37	228	384465	17.61	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	214651	17.31	ng/ul	100
82) Chrysene	21.42	228	364936	17.64	ng/ul	99
84) Di-n-octyl phthalate	22.18	149	331329	18.14	ng/ul	99
85) Benzo(b)fluoranthene	22.98	252	348268	18.45	ng/ul	100
86) Benzo(k)fluoranthene	23.02	252	317971	17.46	ng/ul	99
88) Benzo(a)pyrene	23.57	252	317836	17.58	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.99	276	346189	17.21	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	289099	17.16	ng/ul	100
91) Benzo(g,h,i)perylene	26.70	276	291467	17.21	ng/ul	98

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

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