Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM051016\
Data File : BM005369.D
Acq On : 10 May 2016 11:29
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Manual Integrations APPROVED
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5/11/2016 8:25:26 PM

Quant Time: May 11 07:55:12 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 04:23:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	85965	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	403796	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	260602	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	650625	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	768292	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	782603	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	13976	7.64	ng/uL	-0.01
5) Phenol-d5	6.93	99	157410	20.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	87940	19.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	122143	20.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	130120	20.19	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	62255	21.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	73648	22.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	130338	21.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	177949	24.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	435731	20.86	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	513444	20.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	85622	22.46	ng/ul	0.00
57) Fluorene-d10	15.40	176	375583	20.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	80279	21.93	ng/ul	0.00
70) Anthracene-d10	17.25	188	610214	21.22	ng/ul	0.00
76) Pyrene-d10	19.55	212	712035	20.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	718963	20.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	25457	7.64	ng/uL	98
4) Benzaldehyde	6.91	77	98033	25.95	ng/ul	98
6) Phenol	6.96	94	163459	20.28	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.19	93	119692	19.73	ng/ul	98
10) 2-Chlorophenol	7.33	128	121602	20.19	ng/ul	99
11) 2-Methylphenol	8.20	108	126595	20.33	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.29	45	163077	19.82	ng/ul	99
14) Acetophenone	8.58	105	202483	21.21	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.57	70	104046	20.86	ng/ul	98
16) 4-Methylphenol	8.53	108	139783	20.22	ng/ul	96
17) Hexachloroethane	8.83	117	47179	20.81	ng/ul	90
20) Nitrobenzene	8.96	77	150214	20.81	ng/ul	96
21) Isophorone	9.48	82	298816	21.32	ng/ul	98
23) 2-Nitrophenol	9.67	139	76820	21.84	ng/ul	98
24) 2,4-Dimethylphenol	9.73	107	158292	21.22	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.96	93	171730	19.67	ng/ul	98
27) 2,4-Dichlorophenol	10.20	162	131161	21.11	ng/ul	97
28) Naphthalene	10.60	128	414749	20.41	ng/ul	99
30) 4-Chloroaniline	10.72	127	179408	24.09	ng/ul	97
31) Hexachlorobutadiene	10.88	225	79668	21.58	ng/ul	98
32) Caprolactam	11.48	113	52671m	22.75	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	161168	21.64	ng/ul	98
34) 2-Methylnaphthalene	12.22	142	309480	20.37	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	162825	20.54	ng/ul	99
37) Hexachlorocyclopentadiene	12.56	237	77451	19.12	ng/ul	94
38) 2,4,6-Trichlorophenol	12.83	196	113751	21.54	ng/ul	95
39) 2,4,5-Trichlorophenol	12.90	196	126305	21.56	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	414736	20.09	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	321256	20.58	ng/ul	99
42) 2-Nitroaniline	13.49	65	110307	22.95	ng/ul	96
44) Dimethylphthalate	13.86	163	435816	20.88	ng/ul	100
45) 2,6-Dinitrotoluene	13.99	165	93340	22.68	ng/ul#	90
47) Acenaphthylene	14.13	152	540754	20.86	ng/ul	100
48) 3-Nitroaniline	14.32	138	100794	22.97	ng/ul	100
49) Acenaphthene	14.47	153	354647	20.76	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	47714	20.15	ng/ul	92
52) 4-Nitrophenol	14.64	109	73179	23.08	ng/ul	94
53) Dibenzofuran	14.80	168	512015	20.66	ng/ul	98
54) 2,4-Dinitrotoluene	14.78	165	139718	22.76	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.04	232	111456	22.38	ng/ul#	97
56) Diethylphthalate	15.23	149	450529	21.37	ng/ul	99
58) Fluorene	15.46	166	410874	21.20	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.45	204	203927	21.24	ng/ul	100
60) 4-Nitroaniline	15.49	138	105236	22.63	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.55	198	85095	22.13	ng/ul#	88
64) N-Nitrosodiphenylamine	15.67	169	372415	20.90	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	132877	21.30	ng/ul	98
66) Hexachlorobenzene	16.46	284	150398	21.50	ng/ul	97
67) Atrazine	16.62	200	151230	23.26	ng/ul	98
68) Pentachlorophenol	16.81	266	85098	21.89	ng/ul	99
69) Phenanthrene	17.20	178	704788	20.60	ng/ul	100
71) Anthracene	17.29	178	724677	21.25	ng/ul	99
72) Carbazole	17.56	167	678159	22.60	ng/ul	99
73) Di-n-butylphthalate	18.12	149	816425	22.31	ng/ul	100
74) Fluoranthene	19.22	202	873219	23.04	ng/ul	98
77) Pyrene	19.59	202	887013	19.91	ng/ul	97
78) Butylbenzylphthalate	20.48	149	410681	22.20	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	302392	21.89	ng/ul	98
80) Benzo(a)anthracene	21.33	228	912045	20.64	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	575424	22.39	ng/ul#	97
82) Chrysene	21.39	228	876867	20.92	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	1052345	23.02	ng/ul	97
85) Benzo(b)fluoranthene	22.94	252	964445	21.08	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	891285	20.70	ng/ul	99
88) Benzo(a)pyrene	23.53	252	895686	20.70	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	884434	18.73	ng/ul	97
90) Dibenzo(a,h)anthracene	25.93	278	744530	18.85	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	715107	17.89	ng/ul	97

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

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