Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005133.D
Acq On : 29 Apr 2016 02:54
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Manual Integrations APPROVED
sohil
4/29/2016 10:36:52 AM

Quant Time: Apr 29 05:40:20 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 29 02:20:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	42630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	199197	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	127008	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	301111	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	297825	20.00	ng/ul	-0.01
83) Perylene-d12	23.64	264	247459	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	7071	8.43	ng/uL	0.00
5) Phenol-d5	6.96	99	75836	21.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	43546	21.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	59054	21.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	62548	20.92	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	29562	21.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	34124	22.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	63926	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	85088	24.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	207763	20.71	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	248983	20.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	37258	21.25	ng/ul	0.00
57) Fluorene-d10	15.42	176	180947	20.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	32559	19.01	ng/ul	0.00
70) Anthracene-d10	17.27	188	282623	20.93	ng/ul	0.00
76) Pyrene-d10	19.57	212	306647	22.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	229643	20.71	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	12942	8.32	ng/uL	96
4) Benzaldehyde	6.93	77	45536	26.01	ng/ul	98
6) Phenol	6.99	94	79083	21.51	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.22	93	60171	21.35	ng/ul	99
10) 2-Chlorophenol	7.36	128	60940	21.25	ng/ul	98
11) 2-Methylphenol	8.23	108	60709	21.16	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	78413	21.51	ng/ul	100
14) Acetophenone	8.61	105	98438	21.88	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	49484	21.96	ng/ul	98
16) 4-Methylphenol	8.56	108	68316	21.40	ng/ul	98
17) Hexachloroethane	8.86	117	23122	20.25	ng/ul	93
20) Nitrobenzene	8.99	77	71183	20.97	ng/ul	99
21) Isophorone	9.50	82	140956	21.86	ng/ul	99
23) 2-Nitrophenol	9.70	139	36662	21.91	ng/ul	96
24) 2,4-Dimethylphenol	9.76	107	75281	20.90	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	85850	21.43	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	65089	21.65	ng/ul	99
28) Naphthalene	10.63	128	206616	20.57	ng/ul	100
30) 4-Chloroaniline	10.74	127	86008	24.65	ng/ul	100
31) Hexachlorobutadiene	10.91	225	38093	19.21	ng/ul	98
32) Caprolactam	11.50	113	21598m	20.78	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	76709	22.32	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	154951	20.84	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	79889	20.14	ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	42902	18.22	ng/ul	94
38) 2,4,6-Trichlorophenol	12.86	196	54792	21.71	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	61048	21.59	ng/ul	99
40) 1,1'-Biphenyl	13.26	154	209745	20.88	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	158472	20.74	ng/ul	99
42) 2-Nitroaniline	13.51	65	47970	23.14	ng/ul	97
44) Dimethylphthalate	13.89	163	208484	20.72	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	42520	21.89	ng/ul	94
47) Acenaphthylene	14.15	152	265821	21.03	ng/ul	100
48) 3-Nitroaniline	14.34	138	46230	23.39	ng/ul	99
49) Acenaphthene	14.49	153	172765	20.78	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	18087	15.95	ng/ul	98
52) 4-Nitrophenol	14.65	109	30845	19.67	ng/ul	96
53) Dibenzofuran	14.83	168	251325	20.49	ng/ul	98
54) 2,4-Dinitrotoluene	14.80	165	63232	21.42	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	51958	21.17	ng/ul	97
56) Diethylphthalate	15.25	149	213253	21.00	ng/ul	100
58) Fluorene	15.48	166	198475	20.85	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	99151	20.64	ng/ul	99
60) 4-Nitroaniline	15.50	138	47424	22.25	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	34507	19.13	ng/ul#	97
64) N-Nitrosodiphenylamine	15.69	169	179030	21.63	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	60969	20.74	ng/ul	97
66) Hexachlorobenzene	16.48	284	67953	20.30	ng/ul	98
67) Atrazine	16.64	200	67176	22.03	ng/ul	98
68) Pentachlorophenol	16.83	266	39015	20.21	ng/ul	98
69) Phenanthrene	17.22	178	330483	20.62	ng/ul	99
71) Anthracene	17.31	178	336945	20.86	ng/ul	99
72) Carbazole	17.58	167	307779	22.22	ng/ul	99
73) Di-n-butylphthalate	18.14	149	369537	22.78	ng/ul	100
74) Fluoranthene	19.23	202	379648	21.53	ng/ul	99
77) Pyrene	19.60	202	388386	22.58	ng/ul	100
78) Butylbenzylphthalate	20.50	149	165039	24.94	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.28	252	110363	20.72	ng/ul	97
80) Benzo(a)anthracene	21.34	228	354752	20.81	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	227563	24.49	ng/ul	100
82) Chrysene	21.40	228	338422	20.75	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	371330	24.14	ng/ul	99
85) Benzo(b)fluoranthene	22.96	252	323678	21.72	ng/ul	100
86) Benzo(k)fluoranthene	23.00	252	290724	20.06	ng/ul	99
88) Benzo(a)pyrene	23.54	252	289489	20.80	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	290146	21.85	ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	244836	22.07	ng/ul	99
91) Benzo(g,h,i)perylene	26.65	276	238788	21.98	ng/ul	100

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

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