Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
Data File : BM006414.D
Acq On : 14 Jul 2016 15:26
Operator : UM/SJ
Sample : SSTD04058
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04058

Manual Integrations
APPROVED
Sohil
7/15/2016 9:15:10 AM

Quant Time: Jul 14 16:16:08 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 14 16:09:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	88644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	364718	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	217385	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	522484	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	616205	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	712816	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	32400	15.63	ng/uL	0.00
5) Phenol-d5	6.80	99	294102	35.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	177957	36.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	234436	36.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	232489	34.61	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	109846	37.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	127454	38.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	234003	39.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	285172	45.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	700736	38.63	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	863124	38.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	129549	37.68	ng/ul	0.00
57) Fluorene-d10	15.27	176	601817	38.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	128094	41.84	ng/ul	0.00
70) Anthracene-d10	17.12	188	945620	37.93	ng/ul	0.00
76) Pyrene-d10	19.43	212	1086156	36.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	1255063	37.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	35217	15.52	ng/uL#	11
4) Benzaldehyde	6.77	77	178348	37.14	ng/ul	100
6) Phenol	6.83	94	309715	35.90	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.05	93	225930	35.46	ng/ul	96
10) 2-Chlorophenol	7.19	128	241167	36.67	ng/ul	100
11) 2-Methylphenol	8.07	108	232803	35.23	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	373774	39.28	ng/ul	98
14) Acetophenone	8.44	105	366109	35.76	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.43	70	189514	32.41	ng/ul	91
16) 4-Methylphenol	8.40	108	248464	34.64	ng/ul	99
17) Hexachloroethane	8.69	117	102362	38.01	ng/ul	87
20) Nitrobenzene	8.82	77	296127	39.17	ng/ul	99
21) Isophorone	9.33	82	524454	36.41	ng/ul#	97
23) 2-Nitrophenol	9.52	139	138140	38.93	ng/ul	94
24) 2,4-Dimethylphenol	9.59	107	292861	39.05	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.82	93	310256	36.05	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	235605	39.89	ng/ul	98
28) Naphthalene	10.45	128	719340	38.33	ng/ul	99
30) 4-Chloroaniline	10.57	127	294238	45.65	ng/ul	98
31) Hexachlorobutadiene	10.73	225	160065	43.36	ng/ul	99
32) Caprolactam	11.32	113	77127m	32.96	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	265632	36.85	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	537958	37.77	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	296932	41.09	ng/ul	99
37) Hexachlorocyclopentadiene	12.42	237	167756	40.82	ng/ul	96
38) 2,4,6-Trichlorophenol	12.70	196	201932	39.53	ng/ul	100
39) 2,4,5-Trichlorophenol	12.77	196	207518	38.91	ng/ul	100
40) 1,1'-Biphenyl	13.10	154	694179	38.72	ng/ul	97
41) 2-Chloronaphthalene	13.14	162	543956	38.93	ng/ul	100
42) 2-Nitroaniline	13.35	65	200009	37.52	ng/ul	97
44) Dimethylphthalate	13.73	163	700939	38.44	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	150866	38.17	ng/ul	97
47) Acenaphthylene	13.99	152	890490	37.77	ng/ul	98
48) 3-Nitroaniline	14.19	138	146710	40.64	ng/ul	99
49) Acenaphthene	14.34	153	566281	37.81	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	87835	39.92	ng/ul	96
52) 4-Nitrophenol	14.51	109	145468	42.08	ng/ul	89
53) Dibenzofuran	14.67	168	828049	38.73	ng/ul	96
54) 2,4-Dinitrotoluene	14.65	165	217437	38.95	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	188944	39.29	ng/ul	99
56) Diethylphthalate	15.11	149	740980	38.93	ng/ul	99
58) Fluorene	15.33	166	643093	37.52	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.32	204	325500	38.68	ng/ul	97
60) 4-Nitroaniline	15.36	138	162945	38.27	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.42	198	138728	42.18	ng/ul	99
64) N-Nitrosodiphenylamine	15.54	169	596240	37.77	ng/ul	100
65) 4-Bromophenyl-phenylether	16.22	248	228302	39.03	ng/ul	96
66) Hexachlorobenzene	16.33	284	248934	38.55	ng/ul	99
67) Atrazine	16.50	200	240512	41.24	ng/ul	97
68) Pentachlorophenol	16.68	266	129991	37.88	ng/ul	97
69) Phenanthrene	17.07	178	1092350	37.48	ng/ul	99
71) Anthracene	17.16	178	1122897	37.30	ng/ul	99
72) Carbazole	17.43	167	1026661	40.69	ng/ul	99
73) Di-n-butylphthalate	18.00	149	1313144	37.87	ng/ul	100
74) Fluoranthene	19.09	202	1369160	42.21	ng/ul#	93
77) Pyrene	19.46	202	1412262	36.55	ng/ul#	93
78) Butylbenzylphthalate	20.36	149	658935	37.32	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.15	252	490062	43.01	ng/ul	99
80) Benzo(a)anthracene	21.21	228	1431241	37.87	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.14	149	836138	35.31	ng/ul	100
82) Chrysene	21.26	228	1331976	38.59	ng/ul	99
84) Di-n-octyl phthalate	22.02	149	1725895	40.76	ng/ul	98
85) Benzo(b)fluoranthene	22.77	252	1629606	38.61	ng/ul	99
86) Benzo(k)fluoranthene	22.82	252	1485019m	37.82	ng/ul	
88) Benzo(a)pyrene	23.33	252	1536128	37.60	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.63	276	1787795	38.26	ng/ul	96
90) Dibenzo(a,h)anthracene	25.65	278	1478735	38.38	ng/ul	97
91) Benzo(g,h,i)perylene	26.31	276	1638786	40.66	ng/ul	98

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

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