Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102016\
Data File : BM007704.D
Acq On : 20 Oct 2016 15:42
Operator : UM/SJ
Sample : SSTD08048
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 20 16:50:12 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 29 01:59:03 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08048

Manual Integrations APPROVED
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10/21/2016 6:59:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	222588	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.53	136	885976	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.39	164	573490	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.13	188	1123699	20.00	ng/ul	-0.02
75) Chrysene-d12	21.32	240	1290721	20.00	ng/ul	-0.01
83) Perylene-d12	23.57	264	1230703	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	159207	35.16	ng/uL	-0.01
5) Phenol-d5	6.93	99	1442752	73.02	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	824837	77.65	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.29	132	1131127	78.84	ng/ul	-0.02
13) 4-Methylphenol-d8	8.47	113	1135000	67.30	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	549189	86.71	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.63	143	623003	86.58	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.16	165	1140606	79.55	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.68	131	1266792	84.15	ng/ul	-0.02
43) Dimethylphthalate-d6	13.80	166	3194580	76.58	ng/ul	-0.01
46) Acenaphthylene-d8	14.08	160	3885348	80.26	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.61	143	551430	74.89	ng/ul	0.00
57) Fluorene-d10	15.39	176	2722313	74.41	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	596545	87.00	ng/ul	0.00
70) Anthracene-d10	17.24	188	4117081	79.73	ng/ul	-0.01
76) Pyrene-d10	19.53	212	4597354	89.76	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.43	264	4463334	81.96	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	166708	35.11	ng/uL	93
4) Benzaldehyde	6.91	77	883748	66.69	ng/ul	99
6) Phenol	6.96	94	1460822	72.87	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.19	93	1103173	76.83	ng/ul	98
10) 2-Chlorophenol	7.32	128	1134903	78.88	ng/ul	97
11) 2-Methylphenol	8.20	108	1086148	70.29	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.29	45	1213638	77.71	ng/ul	97
14) Acetophenone	8.58	105	1739637	67.74	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.57	70	889316	68.20	ng/ul	94
16) 4-Methylphenol	8.53	108	1170796	67.71	ng/ul	98
17) Hexachloroethane	8.82	117	489831	83.21	ng/ul	98
20) Nitrobenzene	8.96	77	1356722	83.58	ng/ul	99
21) Isophorone	9.49	82	2427143	78.16	ng/ul	99
23) 2-Nitrophenol	9.66	139	631719	84.36	ng/ul	98
24) 2,4-Dimethylphenol	9.72	107	1341852	77.47	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.96	93	1421245	80.21	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	1101193	77.94	ng/ul	97
28) Naphthalene	10.59	128	3412815	79.73	ng/ul	100
30) 4-Chloroaniline	10.70	127	1265956	80.35	ng/ul	98
31) Hexachlorobutadiene	10.86	225	843149	81.69	ng/ul	97
32) Caprolactam	11.51	113	324841m	62.82	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	1211951	70.47	ng/ul	92
34) 2-Methylnaphthalene	12.20	142	2486507	74.03	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	1480619	87.57	ng/ul	98
37) Hexachlorocyclopentadiene	12.55	237	971635	107.00	ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	913299	84.65	ng/ul	100
39) 2,4,5-Trichlorophenol	12.89	196	973749	82.48	ng/ul	98
40) 1,1'-Biphenyl	13.22	154	3223469	84.64	ng/ul	98
41) 2-Chloronaphthalene	13.26	162	2480176	83.71	ng/ul	97
42) 2-Nitroaniline	13.47	65	771151	84.70	ng/ul	98
44) Dimethylphthalate	13.85	163	3074163	75.98	ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	662312	82.52	ng/ul	98
47) Acenaphthylene	14.11	152	3881612	80.76	ng/ul	99
48) 3-Nitroaniline	14.31	138	604808	74.15	ng/ul	99
49) Acenaphthene	14.46	153	2609850	78.98	ng/ul	98
50) 2,4-Dinitrophenol	14.52	184	428865	80.00	ng/ul	90
52) 4-Nitrophenol	14.63	109	529210	69.04	ng/ul	93
53) Dibenzofuran	14.79	168	3702721	75.95	ng/ul	98
54) 2,4-Dinitrotoluene	14.77	165	936579	75.66	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.02	232	892620	76.41	ng/ul	99
56) Diethylphthalate	15.22	149	3080817	74.63	ng/ul	100
58) Fluorene	15.44	166	2962139	73.62	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	1573560	74.31	ng/ul	97
60) 4-Nitroaniline	15.48	138	619797	69.09	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.53	198	608619	86.45	ng/ul	100
64) N-Nitrosodiphenylamine	15.65	169	2619217	86.27	ng/ul	100
65) 4-Bromophenyl-phenylether	16.33	248	1050367	85.77	ng/ul	99
66) Hexachlorobenzene	16.44	284	1137995	82.48	ng/ul	99
67) Atrazine	16.61	200	1027489	81.30	ng/ul	99
68) Pentachlorophenol	16.79	266	698906	80.90	ng/ul	99
69) Phenanthrene	17.18	178	4690474	78.82	ng/ul	99
71) Anthracene	17.27	178	4792152	79.34	ng/ul	99
72) Carbazole	17.54	167	4240092	78.98	ng/ul	99
73) Di-n-butylphthalate	18.10	149	5049187	83.15	ng/ul	100
74) Fluoranthene	19.19	202	5524668	73.62	ng/ul	98
77) Pyrene	19.56	202	5575935	88.05	ng/ul	99
78) Butylbenzylphthalate	20.46	149	2294829	94.41	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.24	252	1880705	79.31	ng/ul	99
80) Benzo(a)anthracene	21.30	228	5585571	79.20	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	3266570	93.21	ng/ul	100
82) Chrysene	21.36	228	5215644	77.42	ng/ul	97
84) Di-n-octyl phthalate	22.11	149	5630843	94.72	ng/ul	98
85) Benzo(b)fluoranthene	22.90	252	5742164	83.16	ng/ul	99
86) Benzo(k)fluoranthene	22.94	252	5274352	79.41	ng/ul	100
88) Benzo(a)pyrene	23.48	252	5399721	81.49	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.86	276	6207492	84.81	ng/ul	98
90) Dibenzo(a,h)anthracene	25.86	278	5210597	86.45	ng/ul	99
91) Benzo(g,h,i)perylene	26.55	276	5225695	85.11	ng/ul	98

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

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