Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062216\
Data File : BM005912.D
Acq On : 22 Jun 2016 19:46
Operator : UM/SJ
Sample : SSTD08047
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08047

Manual Integrations APPROVED
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6/23/2016 7:06:04 PM

Quant Time: Jun 23 01:32:45 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 23 01:14:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	219781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	940734	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	516602	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1212956	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1223621	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1357178	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	168351	30.58	ng/uL	0.00
5) Phenol-d5	6.84	99	1498639	64.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	887112	65.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	1150600	66.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	1155597	60.30	ng/ul	0.01
19) Nitrobenzene-d5	8.82	128	560461	82.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	593827	85.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	1076289	68.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1086931	70.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3032889	64.44	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	3789915	67.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	645969	77.51	ng/ul	0.02
57) Fluorene-d10	15.32	176	2525971	64.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	516790	98.50	ng/ul	0.01
70) Anthracene-d10	17.17	188	3839702	64.66	ng/ul	0.01
76) Pyrene-d10	19.46	212	4192128	65.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	4511288	67.24	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	178650	20.14	ng/uL	95
4) Benzaldehyde	6.82	77	278360m	87.84	ng/ul	
6) Phenol	6.87	94	1602025	67.67	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.10	93	1164448	65.57	ng/ul	99
10) 2-Chlorophenol	7.23	128	1174397	66.67	ng/ul	100
11) 2-Methylphenol	8.11	108	1171911	63.84	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.21	45	1705506	65.45	ng/ul	100
14) Acetophenone	8.49	105	1696064	59.94	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.49	70	894905	55.23	ng/ul	97
16) 4-Methylphenol	8.45	108	1241119	61.29	ng/ul	99
17) Hexachloroethane	8.74	117	476784	71.17	ng/ul	99
20) Nitrobenzene	8.87	77	1404800	78.82	ng/ul	98
21) Isophorone	9.39	82	2553306	64.42	ng/ul	100
23) 2-Nitrophenol	9.57	139	650377	84.13	ng/ul	98
24) 2,4-Dimethylphenol	9.63	107	1338043	67.90	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	1532154	65.19	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	1074659	69.35	ng/ul	99
28) Naphthalene	10.50	128	3458390	68.76	ng/ul	100
30) 4-Chloroaniline	10.62	127	1155712	71.67	ng/ul	99
31) Hexachlorobutadiene	10.79	225	654706	75.93	ng/ul	99
32) Caprolactam	11.40	113	419257m	63.88	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	1250662	63.30	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	2478540	64.09	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	1214059	73.68	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	782894	91.10	ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	880856	77.32	ng/ul	99
39) 2,4,5-Trichlorophenol	12.81	196	924044	74.33	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	3080816	69.22	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	2421653	71.98	ng/ul	99
42) 2-Nitroaniline	13.40	65	921904	87.88	ng/ul	98
44) Dimethylphthalate	13.78	163	3018243	65.37	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	675053	84.51	ng/ul	95
47) Acenaphthylene	14.04	152	3906813	67.99	ng/ul	98
48) 3-Nitroaniline	14.23	138	607947	65.91	ng/ul	98
49) Acenaphthene	14.38	153	2478736	65.83	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	408071	123.43	ng/ul	94
52) 4-Nitrophenol	14.54	109	626305	82.08	ng/ul	94
53) Dibenzofuran	14.72	168	3516301	65.75	ng/ul	98
54) 2,4-Dinitrotoluene	14.69	165	966175	81.98	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.94	232	802530	74.23	ng/ul	99
56) Diethylphthalate	15.16	149	3145384	63.36	ng/ul	99
58) Fluorene	15.37	166	2566227	60.92	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	1214515	60.80	ng/ul	99
60) 4-Nitroaniline	15.40	138	799633	77.46	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.45	198	559228	97.83	ng/ul	96
64) N-Nitrosodiphenylamine	15.59	169	2484618	64.85	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	889519	66.87	ng/ul	97
66) Hexachlorobenzene	16.37	284	978469	67.01	ng/ul	99
67) Atrazine	16.54	200	940554	71.74	ng/ul	99
68) Pentachlorophenol	16.72	266	674551	82.68	ng/ul	97
69) Phenanthrene	17.11	178	4596290	64.78	ng/ul	99
71) Anthracene	17.20	178	4568019	63.83	ng/ul	99
72) Carbazole	17.47	167	4298429	68.19	ng/ul	100
73) Di-n-butylphthalate	18.04	149	5281247	62.27	ng/ul	99
74) Fluoranthene	19.13	202	5362058	70.50	ng/ul	98
77) Pyrene	19.49	202	5349639	66.35	ng/ul	98
78) Butylbenzylphthalate	20.40	149	2503797	67.43	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.18	252	1496364	65.79	ng/ul	100
80) Benzo(a)anthracene	21.24	228	5285189	67.56	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	3132303	60.31	ng/ul	99
82) Chrysene	21.30	228	4716865	64.20	ng/ul	99
84) Di-n-octyl phthalate	22.07	149	6177341	66.55	ng/ul	100
85) Benzo(b)fluoranthene	22.82	252	5887746	66.42	ng/ul	99
86) Benzo(k)fluoranthene	22.87	252	5118867	62.47	ng/ul	99
88) Benzo(a)pyrene	23.39	252	5421913	66.76	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.72	276	6310879	75.33	ng/ul	99
90) Dibenzo(a,h)anthracene	25.74	278	5066776	73.84	ng/ul	99
91) Benzo(g,h,i)perylene	26.40	276	5700187	80.54	ng/ul	99

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

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