Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB101016\
Data File : BB058599.D
Acq On : 10 Oct 2016 18:56
Operator : UM/SJ
Sample : SSTD08080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
SSTD08080

Manual Integrations APPROVED
sohil
10/11/2016 7:08:05 PM

Quant Time: Oct 11 11:13:26 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 10:48:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	587850	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	2213646	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1294957	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.42	188	2147720	20.00	ng/ul	0.00
75) Chrysene-d12	22.81	240	2461175	20.00	ng/ul	0.02
83) Perylene-d12	25.87	264	1877467	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	399987	26.69	ng/uL	0.00
5) Phenol-d5	7.85	99	3265469	72.26	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.97	67	2159002	70.92	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	3555776	82.61	ng/ul	0.02
13) 4-Methylphenol-d8	9.47	113	2745567	78.79	ng/ul	0.02
19) Nitrobenzene-d5	9.91	128	1856234	82.22	ng/ul	0.02
22) 2-Nitrophenol-d4	10.68	143	2108219	83.38	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.26	165	2978987	86.14	ng/ul	0.02
29) 4-Chloroaniline-d4	11.78	131	3377378	85.88	ng/ul	0.04
43) Dimethylphthalate-d6	14.97	166	6626447	77.21	ng/ul	0.02
46) Acenaphthylene-d8	15.26	160	7712066	73.53	ng/ul	0.02
51) 4-Nitrophenol-d4	15.84	143	1692165	78.18	ng/ul	0.08
57) Fluorene-d10	16.61	176	5635483	81.97	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.76	200	2035679	101.89	ng/ul	0.04
70) Anthracene-d10	18.54	188	7273657m	74.43	ng/ul	0.02
76) Pyrene-d10	20.86	212	7741865	68.25	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.70	264	7447131	88.82	ng/ul	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	395902	26.26	ng/uL#	77
4) Benzaldehyde	7.73	77	2088025	70.61	ng/ul	97
6) Phenol	7.87	94	3210288	74.90	ng/ul#	72
8) Bis(2-Chloroethyl)ether	8.06	93	2656807	70.33	ng/ul	87
10) 2-Chlorophenol	8.23	128	3368706	83.05	ng/ul	96
11) 2-Methylphenol	9.18	108	2642569	79.66	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.26	45	4393100	69.41	ng/ul#	90
14) Acetophenone	9.56	105	4055133	80.98	ng/ul#	64
15) N-Nitroso-di-n-propylamine	9.62	70	2445656	81.05	ng/ul#	64
16) 4-Methylphenol	9.56	108	2915083	82.98	ng/ul	100
17) Hexachloroethane	9.83	117	1640590	86.61	ng/ul#	76
20) Nitrobenzene	9.95	77	3269468	78.71	ng/ul#	89
21) Isophorone	10.55	82	6235738	75.41	ng/ul#	92
23) 2-Nitrophenol	10.72	139	2195697	88.86	ng/ul#	80
24) 2,4-Dimethylphenol	10.80	107	3324178	82.54	ng/ul	94
25) Bis(2-Chloroethoxy)methane	11.01	93	3025280	69.28	ng/ul#	91
27) 2,4-Dichlorophenol	11.30	162	3074343	93.66	ng/ul#	92
28) Naphthalene	11.68	128	7333388	70.78	ng/ul#	89
30) 4-Chloroaniline	11.80	127	3198483	88.16	ng/ul	95
31) Hexachlorobutadiene	12.03	225	2078325	118.94	ng/ul	99
32) Caprolactam	12.66	113	1203643m	86.71	ng/ul	
33) 4-Chloro-3-methylphenol	12.99	107	2816524	81.69	ng/ul	93
34) 2-Methylnaphthalene	13.34	142	5504441	77.33	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	3242242	104.94 ng/ul#	97
37) Hexachlorocyclopentadiene	13.74	237	2265157	141.98 ng/ul#	98
38) 2,4,6-Trichlorophenol	13.97	196	2141298	93.26 ng/ul	99
39) 2,4,5-Trichlorophenol	14.07	196	2289701	97.56 ng/ul	98
40) 1,1'-Biphenyl	14.38	154	6323811	75.06 ng/ul#	85
41) 2-Chloronaphthalene	14.43	162	5751594	86.48 ng/ul	96
42) 2-Nitroaniline	14.63	65	2074694	80.03 ng/ul#	87
44) Dimethylphthalate	15.03	163	6379875	76.99 ng/ul#	86
45) 2,6-Dinitrotoluene	15.15	165	1828849	83.48 ng/ul	97
47) Acenaphthylene	15.30	152	6406268	62.85 ng/ul#	77
48) 3-Nitroaniline	14.63	138	2275367	77.16 ng/ul#	40
49) Acenaphthene	15.65	153	5373817	80.11 ng/ul	91
50) 2,4-Dinitrophenol	15.69	184	1484237	103.62 ng/ul#	75
52) 4-Nitrophenol	15.84	109	1309673	92.13 ng/ul	85
53) Dibenzofuran	16.01	168	7264912	76.28 ng/ul#	85
54) 2,4-Dinitrotoluene	15.97	165	2923339	98.45 ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	16.24	232	2027930	110.50 ng/ul#	84
56) Diethylphthalate	16.44	149	6044649	67.08 ng/ul#	90
58) Fluorene	16.69	166	6361508	84.06 ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	3599493	101.57 ng/ul#	85
60) 4-Nitroaniline	16.74	138	1932489	84.49 ng/ul#	90
63) 4,6-Dinitro-2-methylphenol	16.78	198	2101285	104.51 ng/ul#	91
64) N-Nitrosodiphenylamine	16.88	169	4956234	68.45 ng/ul	94
65) 4-Bromophenyl-phenylether	17.59	248	2380518	102.65 ng/ul#	83
66) Hexachlorobenzene	17.75	284	2471708	94.93 ng/ul	93
67) Atrazine	17.88	200	1995667	85.87 ng/ul	88
68) Pentachlorophenol	18.09	266	1801129	106.30 ng/ul	98
69) Phenanthrene	18.48	178	7013290	62.45 ng/ul#	78
71) Anthracene	18.57	178	7212705	63.04 ng/ul#	77
72) Carbazole	18.84	167	6836937	68.78 ng/ul#	78
73) Di-n-butylphthalate	19.42	149	8438075	52.24 ng/ul#	82
74) Fluoranthene	20.54	202	7918208	77.43 ng/ul	98
77) Pyrene	20.90	202	7274258	52.01 ng/ul#	69
78) Butylbenzylphthalate	21.79	149	4986707	49.25 ng/ul	94
79) 3,3'-Dichlorobenzidine	22.69	252	3694222	90.35 ng/ul#	92
80) Benzo(a)anthracene	22.77	228	8852368	68.57 ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	22.67	149	6135345	47.22 ng/ul#	62
82) Chrysene	22.85	228	7977714	68.80 ng/ul#	79
84) Di-n-octyl phthalate	22.67	149	6135345	63.28 ng/ul#	19
85) Benzo(b)fluoranthene	24.97	252	11947317	99.53 ng/ul#	93
86) Benzo(k)fluoranthene	25.00	252	6145459m	72.55 ng/ul	
88) Benzo(a)pyrene	25.77	252	8579134	87.09 ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.28	276	8112959	81.92 ng/ul#	85
90) Dibenzo(a,h)anthracene	29.28	278	6964309	85.29 ng/ul#	93
91) Benzo(g,h,i)perylene	30.24	276	6097928	76.71 ng/ul#	93

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

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