Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101316\
Data File : BB058624.D
Acq On : 13 Oct 2016 9:24
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId :

Quant Time: Oct 13 11:23:09 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 12:50:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	563133	20.00	ng/ul	0.02
18) Naphthalene-d8	11.64	136	2101937	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.59	164	1267431	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.44	188	2016544	20.00	ng/ul	0.02
75) Chrysene-d12	22.81	240	2180706	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	1715923	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	100594	8.09	ng/uL	0.02
5) Phenol-d5	7.83	99	802219	19.61	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.97	67	566615	20.68	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	876750	20.66	ng/ul	0.02
13) 4-Methylphenol-d8	9.47	113	672213	19.85	ng/ul	0.02
19) Nitrobenzene-d5	9.91	128	457952	21.07	ng/ul	0.04
22) 2-Nitrophenol-d4	10.68	143	507404	21.70	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	11.26	165	723986	21.84	ng/ul	0.02
29) 4-Chloroaniline-d4	11.76	131	865360	21.69	ng/ul	0.02
43) Dimethylphthalate-d6	14.97	166	1827263	21.68	ng/ul	0.02
46) Acenaphthylene-d8	15.26	160	2070393	20.83	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	373003	19.27	ng/ul	0.00
57) Fluorene-d10	16.61	176	1466411	21.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.75	200	415909	19.42	ng/ul	0.02
70) Anthracene-d10	18.54	188	2000149	22.18	ng/ul	0.00
76) Pyrene-d10	20.87	212	2061825	21.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.68	264	1645108	21.00	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	98082	7.96	ng/uL#	78
4) Benzaldehyde	7.75	77	593318	22.52	ng/ul	97
6) Phenol	7.85	94	813877	20.08	ng/ul#	77
8) Bis(2-Chloroethyl)ether	8.06	93	694652	20.77	ng/ul	87
10) 2-Chlorophenol	8.24	128	835443	20.68	ng/ul	95
11) 2-Methylphenol	9.18	108	658621	20.20	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.26	45	1237123	21.03	ng/ul#	85
14) Acetophenone	9.55	105	982562	19.83	ng/ul#	58
15) N-Nitroso-di-n-propylamine	9.56	70	566437	19.32	ng/ul#	57
16) 4-Methylphenol	9.53	108	688143	19.56	ng/ul	98
17) Hexachloroethane	9.85	117	401549	20.53	ng/ul#	80
20) Nitrobenzene	9.95	77	818228	20.05	ng/ul#	85
21) Isophorone	10.51	82	1544890	19.62	ng/ul	96
23) 2-Nitrophenol	10.70	139	517915	21.24	ng/ul	97
24) 2,4-Dimethylphenol	10.78	107	819200	20.50	ng/ul	97
25) Bis(2-Chloroethoxy)methane	11.01	93	791543	20.85	ng/ul#	94
27) 2,4-Dichlorophenol	11.28	162	711789	21.45	ng/ul	97
28) Naphthalene	11.70	128	2146251	21.44	ng/ul	99
30) 4-Chloroaniline	11.80	127	854626	22.59	ng/ul	98
31) Hexachlorobutadiene	12.03	225	485553	21.41	ng/ul	97
32) Caprolactam	12.57	113	260022m	21.55	ng/ul	
33) 4-Chloro-3-methylphenol	12.97	107	685454	20.72	ng/ul	92
34) 2-Methylnaphthalene	13.34	142	1493967	21.63	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	835475	21.46 ng/ul#	96
37) Hexachlorocyclopentadiene	13.74	237	461959	18.81 ng/ul	100
38) 2,4,6-Trichlorophenol	13.97	196	507058	21.45 ng/ul	99
39) 2,4,5-Trichlorophenol	14.05	196	518964	20.68 ng/ul	98
40) 1,1'-Biphenyl	14.38	154	1772889	20.86 ng/ul	97
41) 2-Chloronaphthalene	14.42	162	1419328	20.96 ng/ul	96
42) 2-Nitroaniline	14.61	65	507256	19.50 ng/ul#	86
44) Dimethylphthalate	15.01	163	1799671	21.36 ng/ul#	96
45) 2,6-Dinitrotoluene	15.13	165	451248	21.19 ng/ul	96
47) Acenaphthylene	15.30	152	2154177	22.35 ng/ul	100
48) 3-Nitroaniline	14.61	138	561935	20.17 ng/ul#	44
49) Acenaphthene	15.65	153	1336208	20.19 ng/ul	93
50) 2,4-Dinitrophenol	15.67	184	263927	17.39 ng/ul#	1
52) 4-Nitrophenol	15.80	109	297778	18.92 ng/ul	87
53) Dibenzofuran	16.00	168	1941952	20.59 ng/ul	89
54) 2,4-Dinitrotoluene	15.94	165	621055	20.91 ng/ul#	66
55) 2,3,4,6-Tetrachlorophenol	16.25	232	488926	22.27 ng/ul#	94
56) Diethylphthalate	16.44	149	1892803	21.64 ng/ul	98
58) Fluorene	16.67	166	1596618	20.81 ng/ul	92
59) 4-Chlorophenyl-phenylether	16.67	204	855640	20.75 ng/ul#	88
60) 4-Nitroaniline	16.67	138	434488	19.76 ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.75	198	386146	18.06 ng/ul#	86
64) N-Nitrosodiphenylamine	16.88	169	1469049	22.57 ng/ul	93
65) 4-Bromophenyl-phenylether	17.59	248	534738	20.71 ng/ul#	88
66) Hexachlorobenzene	17.75	284	584179	22.56 ng/ul	95
67) Atrazine	17.86	200	502025	20.26 ng/ul	88
68) Pentachlorophenol	18.09	266	342563	18.69 ng/ul	99
69) Phenanthrene	18.48	178	2284376	22.75 ng/ul	99
71) Anthracene	18.57	178	2380024	23.21 ng/ul	99
72) Carbazole	18.84	167	1996493	23.32 ng/ul	99
73) Di-n-butylphthalate	19.42	149	3213512	22.97 ng/ul	99
74) Fluoranthene	20.54	202	2459271	24.05 ng/ul#	90
77) Pyrene	20.90	202	2626703	23.05 ng/ul#	95
78) Butylbenzylphthalate	21.81	149	1405129	19.03 ng/ul#	74
79) 3,3'-Dichlorobenzidine	22.70	252	809588	21.01 ng/ul#	97
80) Benzo(a)anthracene	22.77	228	2458967	22.14 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.70	149	2042920	20.80 ng/ul#	85
82) Chrysene	22.85	228	2364922	22.72 ng/ul	98
84) Di-n-octyl phthalate	22.70	149	2042920	22.87 ng/ul#	74
85) Benzo(b)fluoranthene	24.93	252	2142653	18.91 ng/ul	98
86) Benzo(k)fluoranthene	24.99	252	2121003	24.14 ng/ul#	97
88) Benzo(a)pyrene	25.74	252	2023029	21.21 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.18	276	1665839	19.99 ng/ul#	91
90) Dibenzo(a,h)anthracene	29.22	278	1392034	20.14 ng/ul#	96
91) Benzo(g,h,i)perylene	30.18	276	1318819	20.06 ng/ul#	92

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

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