Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA B\DATA\BB101016\
Data File : BB058594.D
Acq On : 10 Oct 2016 15:15
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTDCCC020

Quant Time: Oct 10 15:59:35 2016
Quant Method : Z:\HPCHEM1\BNA B\METHOD\SOM02.2-EPA-BB092916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 06 04:30:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	690005	20.00	ng/ul	0.10
18) Naphthalene-d8	11.72	136	2735945	20.00	ng/ul	0.10
35) Acenaphthene-d10	15.63	164	1491608	20.00	ng/ul	0.06
61) Phenanthrene-d10	18.46	188	2350715	20.00	ng/ul	0.04
75) Chrysene-d12	22.81	240	2424207	20.00	ng/ul	0.02
83) Perylene-d12	25.91	264	2022297	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.71	96	125892	7.16	ng/uL	0.06
5) Phenol-d5	7.91	99	1091501	20.58	ng/ul	0.10
7) Bis-(2-Chloroethyl)ether-d	8.06	67	792742	22.19	ng/ul	0.12
9) 2-Chlorophenol-d4	8.29	132	1111146	21.99	ng/ul	0.12
13) 4-Methylphenol-d8	9.54	113	875455	21.40	ng/ul	0.10
19) Nitrobenzene-d5	9.99	128	577956	20.71	ng/ul	0.10
22) 2-Nitrophenol-d4	10.76	143	634756	20.31	ng/ul	0.10
26) 2,4-Dichlorophenol-d3	11.33	165	855588	20.02	ng/ul	0.10
29) 4-Chloroaniline-d4	11.83	131	1107508	22.79	ng/ul	0.10
43) Dimethylphthalate-d6	15.01	166	2123772	21.48	ng/ul	0.06
46) Acenaphthylene-d8	15.32	160	2524646	20.90	ng/ul	0.08
51) 4-Nitrophenol-d4	15.84	143	465601	18.68	ng/ul	0.08
57) Fluorene-d10	16.65	176	1711531	21.61	ng/ul	0.06
62) 4,6-Dinitro-2-methylphenol	16.76	200	463519	21.20	ng/ul	0.04
70) Anthracene-d10	18.46	188	2350715	21.98	ng/ul	-0.06
76) Pyrene-d10	20.88	212	2304031	20.62	ng/ul	0.04
87) Benzo(a)pyrene-d12	25.70	264	1818263	20.13	ng/ul	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.75	88	123490	6.98	ng/uL#	80
4) Benzaldehyde	7.83	77	795819	22.93	ng/ul	92
6) Phenol	7.94	94	1129822	22.46	ng/ul#	82
8) Bis(2-Chloroethyl)ether	8.16	93	940321	21.21	ng/ul	88
10) 2-Chlorophenol	8.33	128	1046405	21.98	ng/ul	98
11) 2-Methylphenol	9.25	108	845804	21.72	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.35	45	1823685	24.55	ng/ul#	86
14) Acetophenone	9.64	105	1309659	22.28	ng/ul#	80
15) N-Nitroso-di-n-propylamine	9.66	70	794281	22.43	ng/ul#	62
16) 4-Methylphenol	9.62	108	900420	21.84	ng/ul	96
17) Hexachloroethane	9.93	117	515371	23.18	ng/ul#	63
20) Nitrobenzene	10.02	77	1131049	22.03	ng/ul#	95
21) Isophorone	10.60	82	2142777	20.97	ng/ul#	93
23) 2-Nitrophenol	10.78	139	631825	20.69	ng/ul#	89
24) 2,4-Dimethylphenol	10.87	107	1096128	22.02	ng/ul	95
25) Bis(2-Chloroethoxy)methane	11.08	93	1041408	19.30	ng/ul#	93
27) 2,4-Dichlorophenol	11.35	162	843675	20.80	ng/ul	99
28) Naphthalene	11.76	128	2717696	21.22	ng/ul	99
30) 4-Chloroaniline	11.87	127	1106339	24.67	ng/ul	96
31) Hexachlorobutadiene	12.10	225	565253	26.17	ng/ul	99
32) Caprolactam	12.64	113	205409	11.97	ng/ul	90
33) 4-Chloro-3-methylphenol	13.03	107	894656	20.99	ng/ul	97
34) 2-Methylnaphthalene	13.41	142	1842893	20.95	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.80	216	981475	27.58 ng/ul#	97
37) Hexachlorocyclopentadiene	13.80	237	574309	31.25 ng/ul	99
38) 2,4,6-Trichlorophenol	14.03	196	585296	22.13 ng/ul	97
39) 2,4,5-Trichlorophenol	14.11	196	617743	22.85 ng/ul	97
40) 1,1'-Biphenyl	14.43	154	2205527	22.73 ng/ul	98
41) 2-Chloronaphthalene	14.47	162	1653812	21.59 ng/ul	96
42) 2-Nitroaniline	14.66	65	714365	23.92 ng/ul#	90
44) Dimethylphthalate	15.07	163	2164310	22.67 ng/ul#	96
45) 2,6-Dinitrotoluene	15.16	165	504079	19.98 ng/ul#	77
47) Acenaphthylene	15.34	152	2483115	21.15 ng/ul	99
48) 3-Nitroaniline	14.66	138	683800	20.13 ng/ul#	44
49) Acenaphthene	15.70	153	1659019	21.47 ng/ul	91
50) 2,4-Dinitrophenol	15.72	184	333273	20.20 ng/ul	96
52) 4-Nitrophenol	15.84	109	370328	22.62 ng/ul#	85
53) Dibenzofuran	16.03	168	2333048	21.27 ng/ul#	84
54) 2,4-Dinitrotoluene	15.99	165	748903	21.89 ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	16.28	232	535499	25.33 ng/ul#	87
56) Diethylphthalate	16.45	149	2287208	22.04 ng/ul#	93
58) Fluorene	16.71	166	1894514	21.73 ng/ul	92
59) 4-Chlorophenyl-phenylether	16.69	204	944726	23.14 ng/ul#	78
60) 4-Nitroaniline	16.71	138	511791	19.43 ng/ul#	85
63) 4,6-Dinitro-2-methylphenol	16.78	198	463017	21.04 ng/ul#	87
64) N-Nitrosodiphenylamine	16.92	169	1641075	20.71 ng/ul	93
65) 4-Bromophenyl-phenylether	17.61	248	576865	22.73 ng/ul#	85
66) Hexachlorobenzene	17.78	284	577491	20.26 ng/ul#	90
67) Atrazine	17.90	200	602831	23.70 ng/ul#	88
68) Pentachlorophenol	18.11	266	385414	20.78 ng/ul	99
69) Phenanthrene	18.50	178	2488532	20.25 ng/ul	99
71) Anthracene	18.59	178	2538772	20.27 ng/ul	99
72) Carbazole	18.86	167	2264443	20.81 ng/ul#	96
73) Di-n-butylphthalate	19.44	149	3624101	20.50 ng/ul#	96
74) Fluoranthene	20.56	202	2796051	24.98 ng/ul#	94
77) Pyrene	20.92	202	2922695	21.22 ng/ul	99
78) Butylbenzylphthalate	21.81	149	1638232	16.43 ng/ul#	82
79) 3,3'-Dichlorobenzidine	22.69	252	911375	22.63 ng/ul#	96
80) Benzo(a)anthracene	22.79	228	2690694	21.16 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.69	149	2425206	18.95 ng/ul#	99
82) Chrysene	22.87	228	2600887	22.77 ng/ul	98
84) Di-n-octyl phthalate	22.69	149	2425206	23.22 ng/ul#	31
85) Benzo(b)fluoranthene	24.95	252	2370626	18.34 ng/ul#	97
86) Benzo(k)fluoranthene	25.00	252	2348609	25.74 ng/ul#	95
88) Benzo(a)pyrene	25.77	252	2277120	21.46 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.22	276	2094671	19.64 ng/ul#	87
90) Dibenzo(a,h)anthracene	29.26	278	1764961	20.07 ng/ul#	94
91) Benzo(g,h,i)perylene	30.22	276	1689708	19.73 ng/ul#	88

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

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