Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026714.D
Acq On : 27 Apr 2017 16:06
Operator : SJ/MA
Sample : SSTD02054
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02054

Quant Time: Apr 27 17:14:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 27 17:14:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	172095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	800205	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	443119	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	895170	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	791946	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	825243	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	30383	20.50	ng/uL	0.00
5) Phenol-d5	7.19	99	306105	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	181341	20.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	256030	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	251857	19.57	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	131526	19.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	147340	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	233458	20.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	342002	21.64	ng/ul	0.00
43) Dimethylphthalate-d6	14.03	166	720343	20.88	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	904402	21.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	123910	19.46	ng/ul	0.00
57) Fluorene-d10	15.61	176	620503	20.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	102883	19.50	ng/ul	0.00
70) Anthracene-d10	17.45	188	867560	23.21	ng/ul	0.00
76) Pyrene-d10	19.73	212	840028	21.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	771694	20.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	32726	20.15	ng/uL#	73
4) Benzaldehyde	7.15	77	122226	16.45	ng/ul#	69
6) Phenol	7.22	94	313696	20.07	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.43	93	247674	20.63	ng/ul	86
10) 2-Chlorophenol	7.58	128	258657	20.31	ng/ul#	78
11) 2-Methylphenol	8.46	108	244221	19.72	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.54	45	253235	20.20	ng/ul#	86
14) Acetophenone	8.83	105	386010	20.53	ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.81	70	182086	20.10	ng/ul#	71
16) 4-Methylphenol	8.79	108	269034	20.16	ng/ul	99
17) Hexachloroethane	9.09	117	91873	19.43	ng/ul#	76
20) Nitrobenzene	9.21	77	260000	20.41	ng/ul#	76
21) Isophorone	9.73	82	500909	20.74	ng/ul#	89
23) 2-Nitrophenol	9.92	139	151853	19.78	ng/ul#	58
24) 2,4-Dimethylphenol	9.99	107	275640	20.15	ng/ul#	78
25) Bis(2-Chloroethoxy)methane	10.21	93	342047	20.26	ng/ul#	94
27) 2,4-Dichlorophenol	10.47	162	232496	20.32	ng/ul	96
28) Naphthalene	10.86	128	840166	20.98	ng/ul	98
30) 4-Chloroaniline	10.97	127	316990	20.97	ng/ul	96
31) Hexachlorobutadiene	11.15	225	115870	19.95	ng/ul	93
32) Caprolactam	11.71	113	84169	21.35	ng/ul#	61
33) 4-Chloro-3-methylphenol	12.10	107	255740	20.28	ng/ul#	83
34) 2-Methylnaphthalene	12.46	142	619410	20.89	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	230334	19.82 ng/ul#	95
37) Hexachlorocyclopentadiene	12.80	237	93638	18.08 ng/ul	98
38) 2,4,6-Trichlorophenol	13.07	196	162175	20.04 ng/ul	98
39) 2,4,5-Trichlorophenol	13.15	196	168255	19.92 ng/ul	97
40) 1,1'-Biphenyl	13.46	154	744748	20.65 ng/ul	95
41) 2-Chloronaphthalene	13.50	162	555940	20.39 ng/ul	97
42) 2-Nitroaniline	13.71	65	160305	23.86 ng/ul#	64
44) Dimethylphthalate	14.07	163	696458	20.69 ng/ul	98
45) 2,6-Dinitrotoluene	14.19	165	148434	20.00 ng/ul#	81
47) Acenaphthylene	14.34	152	915138	21.09 ng/ul	98
48) 3-Nitroaniline	14.52	138	152132	19.00 ng/ul	81
49) Acenaphthene	14.68	153	632420	20.69 ng/ul	95
50) 2,4-Dinitrophenol	14.94	184	1353	0.49 ng/ul	93
52) 4-Nitrophenol	14.85	109	74577	20.03 ng/ul#	40
53) Dibenzofuran	15.02	168	847649	20.99 ng/ul	94
54) 2,4-Dinitrotoluene	14.98	165	214490	20.43 ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.25	232	133588	20.38 ng/ul#	78
56) Diethylphthalate	15.42	149	733875	20.99 ng/ul	99
58) Fluorene	15.66	166	690450	20.80 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	296836	19.95 ng/ul	93
60) 4-Nitroaniline	15.68	138	158542	18.37 ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.74	198	107980	19.28 ng/ul#	92
64) N-Nitrosodiphenylamine	15.86	169	590595	20.74 ng/ul	97
65) 4-Bromophenyl-phenylether	16.55	248	179722	20.32 ng/ul	93
66) Hexachlorobenzene	16.67	284	188107	19.63 ng/ul#	86
67) Atrazine	16.80	200	187617	20.50 ng/ul#	91
68) Pentachlorophenol	17.02	266	74820	16.98 ng/ul	91
69) Phenanthrene	17.40	178	1018291	21.29 ng/ul	98
71) Anthracene	17.49	178	1050261	21.43 ng/ul	100
72) Carbazole	17.76	167	955048	21.70 ng/ul	97
73) Di-n-butylphthalate	18.30	149	1183237	22.20 ng/ul#	96
74) Fluoranthene	19.40	202	1039231	22.10 ng/ul#	82
77) Pyrene	19.76	202	1070589	21.53 ng/ul#	77
78) Butylbenzylphthalate	20.64	149	497758	20.84 ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.49	252	312728	20.12 ng/ul#	94
80) Benzo(a)anthracene	21.58	228	924794	20.80 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.48	149	721692	24.73 ng/ul#	98
82) Chrysene	21.65	228	857497	20.77 ng/ul	98
84) Di-n-octyl phthalate	22.66	149	1223014	21.70 ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	915410	19.76 ng/ul#	94
86) Benzo(k)fluoranthene	23.82	252	933465	20.76 ng/ul#	92
88) Benzo(a)pyrene	24.61	252	923734	20.39 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.35	276	1081799	19.67 ng/ul#	83
90) Dibenzo(a,h)anthracene	28.40	278	917816	19.90 ng/ul#	88
91) Benzo(g,h,i)perylene	29.47	276	893022	19.51 ng/ul#	80

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

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