Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026715.D
Acq On : 27 Apr 2017 16:45
Operator : SJ/MA
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD04055

Quant Time: Apr 27 17:39:38 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	171457	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	827497	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	454766	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	908503	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	789793	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	827171	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	59151	40.05	ng/uL	0.00
5) Phenol-d5	7.19	99	642514	41.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	369796	41.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	538218	41.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	533070	41.58	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	285626	40.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	311112	40.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	488158	41.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	716107	43.82	ng/ul	0.00
43) Dimethylphthalate-d6	14.03	166	1423224	40.20	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1793585	40.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	280318	42.90	ng/ul	0.00
57) Fluorene-d10	15.61	176	1237708	39.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	226595	42.31	ng/ul	0.00
70) Anthracene-d10	17.46	188	1714776	45.20	ng/ul	0.00
76) Pyrene-d10	19.73	212	1607836	40.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	1569162	40.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	64948	40.14	ng/uL#	76
4) Benzaldehyde	7.15	77	360407	48.69	ng/ul#	62
6) Phenol	7.22	94	643116	41.29	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.43	93	494482	41.34	ng/ul	84
10) 2-Chlorophenol	7.58	128	519115	40.92	ng/ul#	79
11) 2-Methylphenol	8.46	108	517753	41.96	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.54	45	518173	41.50	ng/ul#	87
14) Acetophenone	8.83	105	777629	41.52	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.82	70	373180	41.35	ng/ul#	70
16) 4-Methylphenol	8.79	108	560770	42.18	ng/ul	97
17) Hexachloroethane	9.09	117	191727	40.70	ng/ul#	68
20) Nitrobenzene	9.21	77	528045	40.09	ng/ul#	74
21) Isophorone	9.73	82	1034254	41.40	ng/ul#	89
23) 2-Nitrophenol	9.93	139	327652	41.27	ng/ul#	57
24) 2,4-Dimethylphenol	9.99	107	582815	41.20	ng/ul#	78
25) Bis(2-Chloroethoxy)methane	10.21	93	691323	39.61	ng/ul#	92
27) 2,4-Dichlorophenol	10.47	162	479637	40.53	ng/ul	94
28) Naphthalene	10.86	128	1660924	40.11	ng/ul	97
30) 4-Chloroaniline	10.97	127	670068	42.86	ng/ul	96
31) Hexachlorobutadiene	11.15	225	233202	38.83	ng/ul	90
32) Caprolactam	11.72	113	97557	23.93	ng/ul#	53
33) 4-Chloro-3-methylphenol	12.10	107	533825	40.94	ng/ul#	83
34) 2-Methylnaphthalene	12.46	142	1243406	40.55	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	469905	39.40	ng/ul	95
37) Hexachlorocyclopentadiene	12.81	237	222010	41.78	ng/ul	100
38) 2,4,6-Trichlorophenol	13.07	196	347592	41.85	ng/ul	96
39) 2,4,5-Trichlorophenol	13.15	196	354178	40.85	ng/ul	99
40) 1,1'-Biphenyl	13.46	154	1474632	39.84	ng/ul	95
41) 2-Chloronaphthalene	13.50	162	1119833	40.02	ng/ul	96
42) 2-Nitroaniline	13.70	65	343419	49.81	ng/ul#	67
44) Dimethylphthalate	14.07	163	1386080	40.13	ng/ul	99
45) 2,6-Dinitrotoluene	14.20	165	315453	41.42	ng/ul#	82
47) Acenaphthylene	14.34	152	1811309	40.67	ng/ul	96
48) 3-Nitroaniline	14.53	138	357375	43.48	ng/ul#	76
49) Acenaphthene	14.69	153	1264953	40.32	ng/ul	96
50) 2,4-Dinitrophenol	14.74	184	127563	45.25	ng/ul#	72
52) 4-Nitrophenol	15.13	109	482	0.13	ng/ul	86
53) Dibenzofuran	15.02	168	1662322	40.12	ng/ul	96
54) 2,4-Dinitrotoluene	14.98	165	446127	41.39	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.25	232	283404	42.14	ng/ul#	73
56) Diethylphthalate	15.43	149	1444216	40.25	ng/ul	99
58) Fluorene	15.67	166	1360435	39.92	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.65	204	598462	39.20	ng/ul	93
60) 4-Nitroaniline	15.69	138	369373	41.70	ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.75	198	238989	42.05	ng/ul#	91
64) N-Nitrosodiphenylamine	15.87	169	1173183	40.60	ng/ul	97
65) 4-Bromophenyl-phenylether	16.54	248	359489	40.05	ng/ul#	84
66) Hexachlorobenzene	16.67	284	379728	39.04	ng/ul#	92
67) Atrazine	16.81	200	383887	41.32	ng/ul#	92
68) Pentachlorophenol	17.02	266	190328	42.55	ng/ul	91
69) Phenanthrene	17.40	178	1946197	40.10	ng/ul	96
71) Anthracene	17.49	178	2018628	40.58	ng/ul	97
72) Carbazole	17.76	167	1867654	41.80	ng/ul	96
73) Di-n-butylphthalate	18.30	149	2267876	41.92	ng/ul#	96
74) Fluoranthene	19.40	202	1978211	41.46	ng/ul#	80
77) Pyrene	19.76	202	2003791	40.40	ng/ul#	74
78) Butylbenzylphthalate	20.64	149	1007494	42.30	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.49	252	666049	42.96	ng/ul#	93
80) Benzo(a)anthracene	21.58	228	1799589	40.58	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.48	149	1438700	49.42	ng/ul#	97
82) Chrysene	21.65	228	1653407	40.16	ng/ul	98
84) Di-n-octyl phthalate	22.66	149	2469848	43.72	ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	1894575	40.80	ng/ul#	93
86) Benzo(k)fluoranthene	23.83	252	1800515	39.95	ng/ul#	94
88) Benzo(a)pyrene	24.61	252	1825957	40.20	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.36	276	2205924	40.02	ng/ul#	83
90) Dibenzo(a,h)anthracene	28.42	278	1869959	40.46	ng/ul#	89
91) Benzo(g,h,i)perylene	29.49	276	1823725	39.76	ng/ul#	78

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

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