Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026716.D
Acq On : 27 Apr 2017 17:24
Operator : SJ/MA
Sample : SSTD08056
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08056

Quant Time: Apr 27 17:57:12 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	166908	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	795410	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	428682	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	839578	20.00	ng/ul	0.00
75) Chrysene-d12	21.61	240	739938	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	780885	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	114405	79.58	ng/uL	0.00
5) Phenol-d5	7.19	99	1242554	83.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	708496	80.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	1046805	82.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	1034619	82.91	ng/ul	0.01
19) Nitrobenzene-d5	9.17	128	546071	81.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	611993	83.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	944086	82.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	1245593	79.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.03	166	2554112	76.53	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	3196691	76.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	556921	90.42	ng/ul	0.01
57) Fluorene-d10	15.61	176	2209946	75.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.74	200	455342	92.00	ng/ul	0.01
70) Anthracene-d10	17.46	188	2987553	85.21	ng/ul	0.00
76) Pyrene-d10	19.74	212	2808379	75.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.56	264	2916138	79.90	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	122003	77.46	ng/uL#	77
4) Benzaldehyde	7.15	77	617796	85.74	ng/ul#	66
6) Phenol	7.22	94	1254009	82.71	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.43	93	938157	80.58	ng/ul	87
10) 2-Chlorophenol	7.59	128	1005956	81.46	ng/ul#	79
11) 2-Methylphenol	8.46	108	994625	82.80	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.55	45	986371	81.14	ng/ul#	85
14) Acetophenone	8.83	105	1453052	79.70	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.82	70	705045	80.25	ng/ul#	73
16) 4-Methylphenol	8.80	108	1082952	83.67	ng/ul	98
17) Hexachloroethane	9.09	117	368526	80.36	ng/ul#	70
20) Nitrobenzene	9.44	77	1156	0.09	ng/ul	95
21) Isophorone	9.74	82	1928045	80.30	ng/ul#	88
23) 2-Nitrophenol	9.93	139	628756	82.39	ng/ul#	58
24) 2,4-Dimethylphenol	10.00	107	1096689	80.66	ng/ul#	77
25) Bis(2-Chloroethoxy)methane	10.21	93	1300143	77.49	ng/ul#	91
27) 2,4-Dichlorophenol	10.47	162	925915	81.40	ng/ul	95
28) Naphthalene	10.86	128	3016256	75.78	ng/ul#	95
30) 4-Chloroaniline	10.97	127	1178789	78.45	ng/ul	96
31) Hexachlorobutadiene	11.15	225	456174	79.01	ng/ul	90
32) Caprolactam	11.75	113	203972	52.05	ng/ul#	54
33) 4-Chloro-3-methylphenol	12.32	107	1537	0.12	ng/ul	91
34) 2-Methylnaphthalene	12.46	142	2237047	75.89	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	884678	78.70 ng/ul#	94
37) Hexachlorocyclopentadiene	12.81	237	458558	91.54 ng/ul	99
38) 2,4,6-Trichlorophenol	13.07	196	674071	86.09 ng/ul	96
39) 2,4,5-Trichlorophenol	13.15	196	686408	83.99 ng/ul	97
40) 1,1'-Biphenyl	13.46	154	2595755	74.39 ng/ul#	89
41) 2-Chloronaphthalene	13.50	162	2042715	77.45 ng/ul	92
42) 2-Nitroaniline	13.71	65	664631	102.27 ng/ul#	64
44) Dimethylphthalate	14.08	163	2449760	75.23 ng/ul	98
45) 2,6-Dinitrotoluene	14.20	165	605240	84.31 ng/ul#	82
47) Acenaphthylene	14.35	152	3123903	74.40 ng/ul#	91
48) 3-Nitroaniline	14.53	138	630237	81.35 ng/ul#	77
49) Acenaphthene	14.69	153	2257592	76.35 ng/ul	96
50) 2,4-Dinitrophenol	14.74	184	306489	115.34 ng/ul#	73
52) 4-Nitrophenol	14.87	109	324603	90.11 ng/ul#	39
53) Dibenzofuran	15.02	168	2893928	74.09 ng/ul	98
54) 2,4-Dinitrotoluene	14.99	165	828662	81.57 ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.26	232	541126	85.35 ng/ul#	77
56) Diethylphthalate	15.43	149	2534380	74.94 ng/ul	95
58) Fluorene	15.67	166	2399559	74.71 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	1091445	75.84 ng/ul	94
60) 4-Nitroaniline	15.70	138	694745	83.21 ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.75	198	466469	88.82 ng/ul#	90
64) N-Nitrosodiphenylamine	15.87	169	2106589	78.89 ng/ul	96
65) 4-Bromophenyl-phenylether	16.55	248	663603	80.00 ng/ul#	84
66) Hexachlorobenzene	16.68	284	701416	78.03 ng/ul#	91
67) Atrazine	16.82	200	704670	82.08 ng/ul#	92
68) Pentachlorophenol	17.02	266	399700	96.69 ng/ul	92
69) Phenanthrene	17.40	178	3318616	73.99 ng/ul#	91
71) Anthracene	17.49	178	3375489	73.42 ng/ul#	89
72) Carbazole	17.76	167	3198449	77.47 ng/ul#	90
73) Di-n-butylphthalate	18.31	149	3760329	75.21 ng/ul#	93
74) Fluoranthene	19.40	202	3328906	75.49 ng/ul#	71
77) Pyrene	19.77	202	3308248	71.19 ng/ul#	65
78) Butylbenzylphthalate	20.38	149	1964	0.09 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.50	252	1168464	80.44 ng/ul#	92
80) Benzo(a)anthracene	21.58	228	3176670	76.46 ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.48	149	2583120	94.72 ng/ul	92
82) Chrysene	21.65	228	2927639	75.89 ng/ul	92
84) Di-n-octyl phthalate	22.66	149	4304511	80.72 ng/ul	100
85) Benzo(b)fluoranthene	23.77	252	3419757	78.01 ng/ul#	90
86) Benzo(k)fluoranthene	23.83	252	3305653	77.69 ng/ul#	91
88) Benzo(a)pyrene	24.63	252	3364339	78.46 ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	28.39	276	4197357	80.67 ng/ul#	79
90) Dibenzo(a,h)anthracene	28.43	278	3499047	80.19 ng/ul#	89
91) Benzo(g,h,i)perylene	29.51	276	3460689	79.91 ng/ul#	75

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

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