Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026713.D
Acq On : 27 Apr 2017 15:27
Operator : SJ/MA
Sample : SSTD01053
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01053

Quant Time: Apr 27 17:14:49 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	169578	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	788151	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	441774	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	889102	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	780742	20.00	ng/ul	0.00
83) Perylene-d12	24.75	264	807924	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	14625	10.01	ng/uL	0.00
5) Phenol-d5	7.19	99	142995	9.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	90464	10.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	123834	9.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	118059	9.31	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	65082	9.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	68869	9.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	110701	9.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	153229	9.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	358291	10.42	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	452360	10.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	51376	8.09	ng/ul	0.01
57) Fluorene-d10	15.61	176	313238	10.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	44215	8.44	ng/ul	0.00
70) Anthracene-d10	17.45	188	443879	11.96	ng/ul	0.00
76) Pyrene-d10	19.73	212	425555	10.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	377947	10.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	17690	11.05	ng/uL#	65
4) Benzaldehyde	7.15	77	87539	11.96	ng/ul#	65
6) Phenol	7.22	94	151275	9.82	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.43	93	119969	10.14	ng/ul	84
10) 2-Chlorophenol	7.58	128	123926	9.88	ng/ul#	77
11) 2-Methylphenol	8.46	108	114239	9.36	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.54	45	125401	10.15	ng/ul#	86
14) Acetophenone	8.83	105	191958	10.36	ng/ul#	70
15) N-Nitroso-di-n-propylamine	8.81	70	88660	9.93	ng/ul#	69
16) 4-Methylphenol	8.79	108	130160	9.90	ng/ul	100
17) Hexachloroethane	9.09	117	47632	10.22	ng/ul#	72
20) Nitrobenzene	9.21	77	128160	10.22	ng/ul#	77
21) Isophorone	9.73	82	242994	10.21	ng/ul#	91
23) 2-Nitrophenol	9.92	139	74594	9.87	ng/ul#	54
24) 2,4-Dimethylphenol	9.99	107	138706	10.30	ng/ul#	77
25) Bis(2-Chloroethoxy)methane	10.21	93	167167	10.06	ng/ul#	92
27) 2,4-Dichlorophenol	10.47	162	114002	10.11	ng/ul	96
28) Naphthalene	10.86	128	425420	10.79	ng/ul	98
30) 4-Chloroaniline	10.97	127	147086	9.88	ng/ul	99
31) Hexachlorobutadiene	11.15	225	56956	9.96	ng/ul	88
32) Caprolactam	11.72	113	38362	9.88	ng/ul#	58
33) 4-Chloro-3-methylphenol	12.23	107	379	0.03	ng/ul	92
34) 2-Methylnaphthalene	12.46	142	311123	10.65	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	115911	10.01 ng/ul	92
37) Hexachlorocyclopentadiene	12.80	237	38864	7.53 ng/ul	98
38) 2,4,6-Trichlorophenol	13.07	196	76652	9.50 ng/ul	97
39) 2,4,5-Trichlorophenol	13.15	196	78202	9.29 ng/ul	98
40) 1,1'-Biphenyl	13.46	154	382739	10.64 ng/ul	96
41) 2-Chloronaphthalene	13.50	162	281046	10.34 ng/ul	97
42) 2-Nitroaniline	13.71	65	75991	11.35 ng/ul#	69
44) Dimethylphthalate	14.07	163	354937	10.58 ng/ul	98
45) 2,6-Dinitrotoluene	14.19	165	68002	9.19 ng/ul#	87
47) Acenaphthylene	14.34	152	471050	10.89 ng/ul	98
48) 3-Nitroaniline	14.53	138	71851	9.00 ng/ul#	77
49) Acenaphthene	14.68	153	319713	10.49 ng/ul	96
50) 2,4-Dinitrophenol	14.74	184	33756	12.33 ng/ul#	72
52) 4-Nitrophenol	14.85	109	30454	8.20 ng/ul#	38
53) Dibenzofuran	15.02	168	437571	10.87 ng/ul	89
54) 2,4-Dinitrotoluene	14.98	165	101549	9.70 ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.25	232	60741	9.30 ng/ul#	82
56) Diethylphthalate	15.42	149	376269	10.80 ng/ul	99
58) Fluorene	15.66	166	351442	10.62 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	150388	10.14 ng/ul	93
60) 4-Nitroaniline	15.69	138	82866	9.63 ng/ul#	48
63) 4,6-Dinitro-2-methylphenol	15.75	198	47026	8.46 ng/ul#	89
64) N-Nitrosodiphenylamine	15.86	169	295273	10.44 ng/ul	98
65) 4-Bromophenyl-phenylether	16.55	248	88742	10.10 ng/ul#	85
66) Hexachlorobenzene	16.67	284	99144	10.42 ng/ul	94
67) Atrazine	16.80	200	93689	10.30 ng/ul	95
68) Pentachlorophenol	17.02	266	28416	6.49 ng/ul#	89
69) Phenanthrene	17.40	178	524648	11.05 ng/ul	100
71) Anthracene	17.49	178	537181	11.03 ng/ul	100
72) Carbazole	17.76	167	480922	11.00 ng/ul	97
73) Di-n-butylphthalate	18.30	149	587860	11.10 ng/ul#	96
74) Fluoranthene	19.40	202	540230	11.57 ng/ul#	85
77) Pyrene	19.76	202	560364	11.43 ng/ul#	80
78) Butylbenzylphthalate	20.63	149	239196	10.16 ng/ul#	80
79) 3,3'-Dichlorobenzidine	21.49	252	144336	9.42 ng/ul#	90
80) Benzo(a)anthracene	21.58	228	468879	10.70 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.48	149	342898	11.92 ng/ul#	99
82) Chrysene	21.65	228	430478	10.58 ng/ul	99
84) Di-n-octyl phthalate	22.66	149	591434	10.72 ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	462008	10.19 ng/ul#	94
86) Benzo(k)fluoranthene	23.82	252	461664	10.49 ng/ul#	92
88) Benzo(a)pyrene	24.61	252	454462	10.24 ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	28.35	276	525622	9.76 ng/ul#	83
90) Dibenzo(a,h)anthracene	28.40	278	449893	9.97 ng/ul#	87
91) Benzo(g,h,i)perylene	29.47	276	440969	9.84 ng/ul#	77

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

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