Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051517\
Data File : BG026971.D
Acq On : 16 May 2017 2:28
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02088

Quant Time: May 16 05:19:38 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 16 05:12:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	203555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	958854	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	516055	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	977392	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	881311	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	899850	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	36519	8.08	ng/uL	0.00
5) Phenol-d5	7.18	99	396721	21.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	230714	21.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	319771	20.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	320445	21.25	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	163838	20.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	180834	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	291117	21.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	400298	21.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	829325	19.97	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1096777	21.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	124459	16.62	ng/ul	0.00
57) Fluorene-d10	15.60	176	728493	20.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	112988	19.04	ng/ul	0.00
70) Anthracene-d10	17.45	188	988050	20.83	ng/ul	0.00
76) Pyrene-d10	19.73	212	927481	19.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	905304	21.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	38224	7.41	ng/uL#	81
4) Benzaldehyde	7.14	77	185327	21.11	ng/ul#	69
6) Phenol	7.21	94	407875	22.15	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.42	93	294218	20.70	ng/ul	91
10) 2-Chlorophenol	7.58	128	314415	20.72	ng/ul#	84
11) 2-Methylphenol	8.45	108	310200	21.28	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.53	45	336650	22.69	ng/ul#	90
14) Acetophenone	8.82	105	471351	21.28	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.80	70	221536	20.28	ng/ul#	70
16) 4-Methylphenol	8.78	108	339938	21.33	ng/ul	99
17) Hexachloroethane	9.09	117	111359	19.51	ng/ul#	72
20) Nitrobenzene	9.20	77	328359	21.23	ng/ul#	79
21) Isophorone	9.73	82	610894	20.57	ng/ul#	91
23) 2-Nitrophenol	9.92	139	190187	20.75	ng/ul#	58
24) 2,4-Dimethylphenol	9.98	107	352341	21.09	ng/ul#	79
25) Bis(2-Chloroethoxy)methane	10.20	93	411673	20.30	ng/ul#	90
27) 2,4-Dichlorophenol	10.46	162	282654	20.46	ng/ul	97
28) Naphthalene	10.86	128	1009668	20.23	ng/ul	98
30) 4-Chloroaniline	10.96	127	373846	21.38	ng/ul	93
31) Hexachlorobutadiene	11.14	225	137332	19.65	ng/ul	89
32) Caprolactam	11.71	113	108990	21.11	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.09	107	336098	22.44	ng/ul	88
34) 2-Methylnaphthalene	12.45	142	747772	20.19	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	279066	20.51 ng/ul#	96
37) Hexachlorocyclopentadiene	12.80	237	125016	20.86 ng/ul	98
38) 2,4,6-Trichlorophenol	13.06	196	199634	21.33 ng/ul	94
39) 2,4,5-Trichlorophenol	13.15	196	202923	20.97 ng/ul	96
40) 1,1'-Biphenyl	13.45	154	891370	20.55 ng/ul	96
41) 2-Chloronaphthalene	13.50	162	676492	20.74 ng/ul	96
42) 2-Nitroaniline	13.70	65	214815m	23.05 ng/ul	
44) Dimethylphthalate	14.06	163	811493	19.96 ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	178864	20.84 ng/ul#	81
47) Acenaphthylene	14.34	152	1096506	20.63 ng/ul	98
48) 3-Nitroaniline	14.52	138	198937	22.03 ng/ul#	80
49) Acenaphthene	14.68	153	752496	20.35 ng/ul	96
50) 2,4-Dinitrophenol	14.74	184	124464	28.37 ng/ul#	75
52) 4-Nitrophenol	14.85	109	73280	16.69 ng/ul#	21
53) Dibenzofuran	15.02	168	995982	20.24 ng/ul	96
54) 2,4-Dinitrotoluene	14.98	165	251329	20.46 ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.24	232	143317	18.85 ng/ul#	73
56) Diethylphthalate	15.42	149	866179	20.35 ng/ul	99
58) Fluorene	15.66	166	807519	20.11 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	347588	19.85 ng/ul	93
60) 4-Nitroaniline	15.68	138	198653	19.96 ng/ul#	51
63) 4,6-Dinitro-2-methylphenol	15.75	198	113853	18.42 ng/ul#	95
64) N-Nitrosodiphenylamine	15.86	169	687203	21.39 ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	203899	20.91 ng/ul#	78
66) Hexachlorobenzene	16.67	284	216990	20.66 ng/ul#	90
67) Atrazine	16.80	200	214771	21.39 ng/ul#	93
68) Pentachlorophenol	17.02	266	84342	17.58 ng/ul	92
69) Phenanthrene	17.39	178	1133011	20.58 ng/ul	99
71) Anthracene	17.49	178	1167957	20.68 ng/ul	100
72) Carbazole	17.75	167	1072804	22.46 ng/ul	98
73) Di-n-butylphthalate	18.30	149	1376272	22.15 ng/ul#	97
74) Fluoranthene	19.40	202	1168780	22.87 ng/ul#	78
77) Pyrene	19.76	202	1174549	19.86 ng/ul#	75
78) Butylbenzylphthalate	20.63	149	624586	22.74 ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.49	252	386522	22.81 ng/ul#	96
80) Benzo(a)anthracene	21.58	228	1068226	20.72 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.47	149	899506	22.95 ng/ul#	99
82) Chrysene	21.64	228	983656	20.54 ng/ul	98
84) Di-n-octyl phthalate	22.65	149	1539328	24.89 ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	1056551	20.55 ng/ul#	94
86) Benzo(k)fluoranthene	23.82	252	1123372	22.23 ng/ul#	93
88) Benzo(a)pyrene	24.62	252	1065969	21.06 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.37	276	1092199	18.21 ng/ul#	81
90) Dibenzo(a,h)anthracene	28.42	278	971482	19.10 ng/ul#	85
91) Benzo(g,h,i)perylene	29.50	276	708074	14.23 ng/ul#	78

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

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