Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041017\
Data File : BG026610.D
Acq On : 10 Apr 2017 16:48
Operator : SJ/MA
Sample : 40 PPB(EPA-STD+SURR)
Misc : For Confirmation
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40 PPB(EPA-STD+SURR)

Quant Time: Apr 11 03:39:30 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 11 03:24:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	179497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.83	136	763112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	462025	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.37	188	1095552	20.00	ng/ul	0.00
77) Chrysene-d12	21.62	240	1197043	20.00	ng/ul	0.00
85) Perylene-d12	24.79	264	1203142	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.20	99	558376	42.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	317463	42.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	486743	41.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	456579	42.88	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	246967	45.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	293251	45.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	494827	42.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.96	131	653016	55.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.04	166	1505976	42.09	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	1843032	41.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	303113	43.55	ng/ul	0.00
57) Fluorene-d10	15.63	176	1331864	40.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	310120	44.02	ng/ul	0.00
70) Anthracene-d10	17.47	188	2018045	40.56	ng/ul	0.00
78) Pyrene-d10	19.75	212	2245887	42.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.58	264	2199721	42.55	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.22	94	550926	39.91	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.45	93	439817	41.75	ng/ul	94
10) 2-Chlorophenol	7.60	128	456932	39.85	ng/ul	98
11) 2-Methylphenol	8.47	108	437849	40.57	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.57	45	416738	41.95	ng/ul	99
14) Acetophenone	8.85	105	675701	42.25	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.84	70	316548	42.63	ng/ul	95
16) 4-Methylphenol	8.80	108	468732	40.12	ng/ul	99
17) Hexachloroethane	9.12	117	169716	39.97	ng/ul	86
20) Nitrobenzene	9.24	77	451004	41.62	ng/ul	93
21) Isophorone	9.76	82	886762	42.98	ng/ul	93
23) 2-Nitrophenol	9.95	139	289917	43.12	ng/ul#	86
24) 2,4-Dimethylphenol	10.01	107	489693	40.55	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.23	93	587655	41.22	ng/ul	99
27) 2,4-Dichlorophenol	10.48	162	458668	39.59	ng/ul	97
28) Naphthalene	10.89	128	1452342	39.66	ng/ul	98
30) 4-Chloroaniline	10.99	127	596484	53.55	ng/ul	97
31) Hexachlorobutadiene	11.17	225	294030	39.88	ng/ul	98
33) 4-Chloro-3-methylphenol	12.10	107	455032	40.56	ng/ul	87
34) 2-Methylnaphthalene	12.48	142	1136870	40.14	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	561573	38.61	ng/ul#	97
37) Hexachlorocyclopentadiene	12.83	237	298209	41.04	ng/ul	97
38) 2,4,6-Trichlorophenol	13.08	196	387483	40.15	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) 2,4,5-Trichlorophenol	13.15	196	396099	39.87 ng/ul	98
40) 1,1'-Biphenyl	13.48	154	1454533	39.24 ng/ul	98
41) 2-Chloronaphthalene	13.52	162	1094525	39.12 ng/ul	92
42) 2-Nitroaniline	13.72	65	282721	43.46 ng/ul	92
44) Dimethylphthalate	14.09	163	1369443	39.50 ng/ul#	97
45) 2,6-Dinitrotoluene	14.21	165	323272	43.20 ng/ul	87
47) Acenaphthylene	14.36	152	1723876	38.84 ng/ul	94
48) 3-Nitroaniline	14.54	138	356662	51.74 ng/ul#	91
49) Acenaphthene	14.71	153	1200610	38.98 ng/ul	99
50) 2,4-Dinitrophenol	14.75	184	180377	42.80 ng/ul#	80
52) 4-Nitrophenol	14.85	109	156224	42.30 ng/ul#	60
53) Dibenzofuran	15.04	168	1709936	39.04 ng/ul	91
54) 2,4-Dinitrotoluene	15.00	165	471159	43.55 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.26	232	382886	40.07 ng/ul#	90
56) Diethylphthalate	15.45	149	1403463	40.72 ng/ul	94
58) Fluorene	15.69	166	1407314	38.65 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.67	204	698769	39.07 ng/ul#	86
60) 4-Nitroaniline	15.70	138	379977	44.22 ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	15.76	198	316299	42.78 ng/ul#	86
64) N-Nitrosodiphenylamine	15.89	169	1229193	39.22 ng/ul	95
65) 4-Bromophenyl-phenylether	16.56	248	478316	39.70 ng/ul#	85
66) Hexachlorobenzene	16.69	284	521081	40.34 ng/ul#	86
68) Pentachlorophenol	17.03	266	303935	39.54 ng/ul	99
69) Phenanthrene	17.42	178	2180355	37.98 ng/ul	94
71) Anthracene	17.51	178	2241885	38.17 ng/ul	93
74) Carbazole	17.77	167	2080288	41.20 ng/ul	95
75) Di-n-butylphthalate	18.32	149	2364432	39.72 ng/ul	96
76) Fluoranthene	19.42	202	2549225	41.56 ng/ul	96
79) Pyrene	19.78	202	2573907	38.62 ng/ul	95
80) Butylbenzylphthalate	20.65	149	1094300	41.51 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.52	252	1051044	50.59 ng/ul	99
82) Benzo(a)anthracene	21.60	228	2514938	38.85 ng/ul	92
83) Bis(2-ethylhexyl)phthalate	21.50	149	1539345	40.86 ng/ul#	91
84) Chrysene	21.67	228	2314574	38.67 ng/ul	94
86) Di-n-octyl phthalate	22.68	149	2644798	42.73 ng/ul#	97
87) Benzo(b)fluoranthene	23.79	252	2661412	39.00 ng/ul	97
88) Benzo(k)fluoranthene	23.85	252	2635192	40.43 ng/ul	97
90) Benzo(a)pyrene	24.65	252	2642889	40.03 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.42	276	3251425	40.84 ng/ul#	94
92) Dibenzo(a,h)anthracene	28.47	278	2743883	41.29 ng/ul	97
93) Benzo(g,h,i)perylene	29.55	276	2701374	40.80 ng/ul	98

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

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