Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016203.D
Acq On : 31 Mar 2015 16:35
Operator : TP/IZ
Sample : SSTD02043
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02043

Quant Time: Apr 01 04:30:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 04:00:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	101009	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	449803	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	261683	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	530431	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	573391	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	545535	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	18544	7.99	ng/uL	0.00
5) Phenol-d5	6.94	99	188676	20.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	106063	19.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	145471	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	146202	20.27	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	76707	20.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	84524	20.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	138322	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	198475	21.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	342728	19.81	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	492666	20.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	87953	20.17	ng/ul	0.00
57) Fluorene-d10	15.39	176	337462	19.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	74386	20.52	ng/ul	0.00
70) Anthracene-d10	17.24	188	495949	20.35	ng/ul	0.00
76) Pyrene-d10	19.53	212	529798	20.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	499130	20.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	21920	7.90	ng/uL	96
4) Benzaldehyde	6.91	77	116419	21.47	ng/ul	98
6) Phenol	6.97	94	201065	19.99	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.19	93	153909	19.94	ng/ul	98
10) 2-Chlorophenol	7.33	128	153630	20.18	ng/ul	100
11) 2-Methylphenol	8.21	108	149506	19.94	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.30	45	222985	19.82	ng/ul	100
14) Acetophenone	8.59	105	216388	19.87	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.57	70	127887	19.70	ng/ul	99
16) 4-Methylphenol	8.53	108	166774	20.37	ng/ul	94
17) Hexachloroethane	8.84	117	60832	19.78	ng/ul	98
20) Nitrobenzene	8.96	77	176114	19.59	ng/ul	95
21) Isophorone	9.48	82	338573	19.63	ng/ul	99
23) 2-Nitrophenol	9.67	139	89565	19.76	ng/ul	97
24) 2,4-Dimethylphenol	9.73	107	169149	19.95	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	197039	19.75	ng/ul	96
27) 2,4-Dichlorophenol	10.20	162	137006	20.04	ng/ul	99
28) Naphthalene	10.60	128	485017	20.05	ng/ul	99
30) 4-Chloroaniline	10.71	127	204876	21.99	ng/ul	98
31) Hexachlorobutadiene	10.88	225	74176	19.98	ng/ul	97
32) Caprolactam	11.47	113	63611m	19.38	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	153769	19.42	ng/ul	99
34) 2-Methylnaphthalene	12.21	142	341314	19.93	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	141320	20.13	ng/ul	98
37) Hexachlorocyclopentadiene	12.56	237	85559	21.13	ng/ul	93
38) 2,4,6-Trichlorophenol	12.82	196	98689	20.22	ng/ul	99
39) 2,4,5-Trichlorophenol	12.89	196	107324	20.10	ng/ul	99
40) 1,1'-Biphenyl	13.23	154	425537	20.35	ng/ul	100
41) 2-Chloronaphthalene	13.27	162	316766	20.20	ng/ul	99
42) 2-Nitroaniline	13.48	65	106079	19.82	ng/ul	97
44) Dimethylphthalate	13.85	163	386012	19.85	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	89651	19.95	ng/ul	100
47) Acenaphthylene	14.12	152	543278	20.20	ng/ul	100
48) 3-Nitroaniline	14.30	138	105546	20.93	ng/ul	94
49) Acenaphthene	14.46	153	370115	20.28	ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	52559	19.68	ng/ul	95
52) 4-Nitrophenol	14.62	109	57034	19.73	ng/ul	95
53) Dibenzofuran	14.79	168	478599	20.19	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	127377	19.83	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.02	232	92329	19.96	ng/ul	97
56) Diethylphthalate	15.22	149	398922	19.85	ng/ul	99
58) Fluorene	15.44	166	417502	20.10	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.44	204	183691	19.97	ng/ul	99
60) 4-Nitroaniline	15.47	138	114264	20.34	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.52	198	79565	20.30	ng/ul	95
64) N-Nitrosodiphenylamine	15.65	169	351175	20.20	ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	114068	20.34	ng/ul	98
66) Hexachlorobenzene	16.44	284	127184	20.03	ng/ul	98
67) Atrazine	16.60	200	122125	20.54	ng/ul	98
68) Pentachlorophenol	16.79	266	80402	20.34	ng/ul	95
69) Phenanthrene	17.18	178	614709	20.41	ng/ul	100
71) Anthracene	17.27	178	630013	20.47	ng/ul	99
72) Carbazole	17.54	167	603157	20.30	ng/ul	99
73) Di-n-butylphthalate	18.10	149	733198	20.62	ng/ul	100
74) Fluoranthene	19.19	202	694367	20.75	ng/ul	99
77) Pyrene	19.56	202	726354	20.41	ng/ul	99
78) Butylbenzylphthalate	20.45	149	339746	20.26	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.23	252	245663	22.13	ng/ul	97
80) Benzo(a)anthracene	21.30	228	682476	20.56	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	460321	20.40	ng/ul	99
82) Chrysene	21.35	228	622890	20.20	ng/ul	100
84) Di-n-octyl phthalate	22.11	149	765887	20.34	ng/ul	100
85) Benzo(b)fluoranthene	22.90	252	667966	20.50	ng/ul	100
86) Benzo(k)fluoranthene	22.95	252	629350	20.05	ng/ul	99
88) Benzo(a)pyrene	23.49	252	634904	20.44	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	742019	20.43	ng/ul	98
90) Dibenzo(a,h)anthracene	25.94	278	611275	20.21	ng/ul	99
91) Benzo(g,h,i)perylene	26.64	276	606374	20.43	ng/ul	98

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

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