Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG033115\
Data File : BG016200.D
Acq On : 31 Mar 2015 14:17
Operator : TP/IZ
Sample : SSTD04041
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD04041

Quant Time: Apr 01 02:35:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG033115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 01:44:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	73549	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	323895	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	191536	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	391984	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	407786	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	387402	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	26662	15.01	ng/uL	0.00
5) Phenol-d5	6.94	99	271132	41.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	153716	41.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	212283	41.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	210206	41.71	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	109521	41.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	121699	47.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	197620	42.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	275610	43.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	497836	39.83	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	705214	40.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	130951	43.14	ng/ul	0.00
57) Fluorene-d10	15.38	176	490885	39.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	110481	48.75	ng/ul	0.00
70) Anthracene-d10	17.24	188	713980	39.91	ng/ul	0.00
76) Pyrene-d10	19.53	212	750211	41.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	694142	40.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	30894	14.21	ng/uL	100
4) Benzaldehyde	6.91	77	160088	41.33	ng/ul	98
6) Phenol	6.97	94	293289	40.25	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.19	93	223908	39.11	ng/ul	97
10) 2-Chlorophenol	7.34	128	220579	40.35	ng/ul	99
11) 2-Methylphenol	8.21	108	216681	40.83	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.30	45	325702	48.34	ng/ul	99
14) Acetophenone	8.59	105	312677	39.74	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	185845	42.67	ng/ul	99
16) 4-Methylphenol	8.54	108	240695	40.84	ng/ul	96
17) Hexachloroethane	8.84	117	89636	41.76	ng/ul	99
20) Nitrobenzene	8.96	77	255367	42.93	ng/ul	98
21) Isophorone	9.49	82	491524	42.12	ng/ul	98
23) 2-Nitrophenol	9.67	139	132030	44.68	ng/ul	97
24) 2,4-Dimethylphenol	9.73	107	244871	42.43	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	285070	39.88	ng/ul	98
27) 2,4-Dichlorophenol	10.20	162	197897	41.78	ng/ul	99
28) Naphthalene	10.60	128	690640	39.65	ng/ul	99
30) 4-Chloroaniline	10.71	127	279438	43.22	ng/ul	98
31) Hexachlorobutadiene	10.88	225	106879	41.34	ng/ul	96
32) Caprolactam	11.48	113	94181m	42.25	ng/ul	
33) 4-Chloro-3-methylphenol	11.84	107	228250	43.91	ng/ul	99
34) 2-Methylnaphthalene	12.21	142	493659	39.99	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	202350	39.58	ng/ul	96
37) Hexachlorocyclopentadiene	12.56	237	126641	44.41	ng/ul	96
38) 2,4,6-Trichlorophenol	12.83	196	143616	43.80	ng/ul	98
39) 2,4,5-Trichlorophenol	12.90	196	157704	44.50	ng/ul	100
40) 1,1'-Biphenyl	13.23	154	601409	40.01	ng/ul	98
41) 2-Chloronaphthalene	13.27	162	453397	39.90	ng/ul	99
42) 2-Nitroaniline	13.48	65	157790	47.10	ng/ul	99
44) Dimethylphthalate	13.86	163	560550	39.79	ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	133648	44.61	ng/ul	99
47) Acenaphthylene	14.12	152	777585	40.05	ng/ul	99
48) 3-Nitroaniline	14.30	138	150506	43.75	ng/ul	97
49) Acenaphthene	14.46	153	526423	40.28	ng/ul	98
50) 2,4-Dinitrophenol	14.51	184	83468	54.94	ng/ul	97
52) 4-Nitrophenol	14.62	109	86642	49.74	ng/ul	91
53) Dibenzofuran	14.80	168	687579	39.40	ng/ul	100
54) 2,4-Dinitrotoluene	14.76	165	187295	43.60	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.02	232	138739	44.88	ng/ul	99
56) Diethylphthalate	15.22	149	584958	40.47	ng/ul	99
58) Fluorene	15.44	166	604532	39.58	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.44	204	268918	39.13	ng/ul	99
60) 4-Nitroaniline	15.47	138	165769	40.97	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.53	198	117445	46.48	ng/ul	97
64) N-Nitrosodiphenylamine	15.65	169	510813	40.97	ng/ul	100
65) 4-Bromophenyl-phenylether	16.33	248	166595	40.82	ng/ul	97
66) Hexachlorobenzene	16.44	284	185498	40.19	ng/ul	91
67) Atrazine	16.60	200	176403	40.90	ng/ul	98
68) Pentachlorophenol	16.79	266	121320	46.19	ng/ul	98
69) Phenanthrene	17.18	178	870836	39.14	ng/ul	98
71) Anthracene	17.27	178	892775	39.55	ng/ul	98
72) Carbazole	17.54	167	869098	40.01	ng/ul	97
73) Di-n-butylphthalate	18.10	149	1039064	41.06	ng/ul	99
74) Fluoranthene	19.19	202	977925	39.19	ng/ul	99
77) Pyrene	19.56	202	1008482	40.43	ng/ul	95
78) Butylbenzylphthalate	20.45	149	485983	45.65	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.23	252	332617	48.36	ng/ul	99
80) Benzo(a)anthracene	21.30	228	937688	40.57	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.22	149	665745	46.33	ng/ul	97
82) Chrysene	21.35	228	860994	39.36	ng/ul	98
84) Di-n-octyl phthalate	22.11	149	1073193	45.63	ng/ul	100
85) Benzo(b)fluoranthene	22.90	252	907110	40.86	ng/ul	98
86) Benzo(k)fluoranthene	22.95	252	890847	40.69	ng/ul	99
88) Benzo(a)pyrene	23.49	252	874082	39.77	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	1027453	40.17	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	856867	40.11	ng/ul	99
91) Benzo(g,h,i)perylene	26.65	276	840738	39.30	ng/ul	99

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

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