Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032015\
Data File : BG016079.D
Acq On : 20 Mar 2015 23:47
Operator : TP/IZ
Sample : SSTD02029
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02029

Quant Time: Mar 21 05:00:11 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-BG031715.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 21 01:12:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	69791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	307271	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	186958	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	388365	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	411152	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	396191	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	13682	8.03	ng/uL	0.00
5) Phenol-d5	6.96	99	132936	21.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	71683	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	101101	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	101365	21.50	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	52265	21.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	56573	24.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	94415	21.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	141872	23.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	245962	20.18	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	348631	20.57	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.61	143	62026	21.31	ng/ul	0.00
57) Fluorene-d10	15.41	176	247226	20.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	45330	22.34	ng/ul	0.00
70) Anthracene-d10	17.26	188	361529	20.38	ng/ul	-0.01
76) Pyrene-d10	19.55	212	388734	21.14	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.47	264	362385	20.97	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	15669	7.47	ng/uL	90
4) Benzaldehyde	6.94	77	81089	22.46	ng/ul	95
6) Phenol	6.99	94	143304	20.88	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.22	93	109279	20.12	ng/ul	99
10) 2-Chlorophenol	7.36	128	105834	20.56	ng/ul	97
11) 2-Methylphenol	8.23	108	105463	21.10	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	125148	20.87	ng/ul	98
14) Acetophenone	8.61	105	149781	20.10	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.60	70	85238	21.10	ng/ul	97
16) 4-Methylphenol	8.56	108	115834	20.82	ng/ul	97
17) Hexachloroethane	8.87	117	41162	20.53	ng/ul	93
20) Nitrobenzene	8.99	77	116095	21.07	ng/ul	99
21) Isophorone	9.51	82	234814	21.48	ng/ul	99
23) 2-Nitrophenol	9.70	139	61753	22.68	ng/ul#	95
24) 2,4-Dimethylphenol	9.75	107	115441	21.36	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.00	93	141010	20.77	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	94724	21.22	ng/ul	99
28) Naphthalene	10.64	128	336437	20.28	ng/ul	99
30) 4-Chloroaniline	10.74	127	143783	23.28	ng/ul	99
31) Hexachlorobutadiene	10.92	225	48772	19.96	ng/ul	98
32) Caprolactam	11.49	113	49889	23.63	ng/ul	93
33) 4-Chloro-3-methylphenol	11.86	107	109883	22.67	ng/ul	99
34) 2-Methylnaphthalene	12.25	142	237929	20.26	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	100024	20.09	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	55518	20.44	ng/ul	94
38) 2,4,6-Trichlorophenol	12.85	196	69957	22.43	ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	77792	22.88	ng/ul	95
40) 1,1'-Biphenyl	13.26	154	297223	20.28	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	224376	20.29	ng/ul	98
42) 2-Nitroaniline	13.50	65	69460	22.54	ng/ul	98
44) Dimethylphthalate	13.88	163	280230	20.26	ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	64208	22.50	ng/ul	93
47) Acenaphthylene	14.14	152	388679	20.44	ng/ul	99
48) 3-Nitroaniline	14.32	138	75140	22.60	ng/ul	96
49) Acenaphthene	14.49	153	256062	20.11	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	23521	18.35	ng/ul	97
52) 4-Nitrophenol	14.62	109	34260	21.54	ng/ul	98
53) Dibenzofuran	14.82	168	345946	20.12	ng/ul	100
54) 2,4-Dinitrotoluene	14.78	165	89864	21.78	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.04	232	69038	23.18	ng/ul	98
56) Diethylphthalate	15.24	149	291097	20.50	ng/ul	99
58) Fluorene	15.47	166	301355	20.07	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.46	204	134689	19.86	ng/ul	98
60) 4-Nitroaniline	15.49	138	83668	21.21	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.54	198	50498	21.72	ng/ul	100
64) N-Nitrosodiphenylamine	15.68	169	256510	20.84	ng/ul	97
65) 4-Bromophenyl-phenylether	16.36	248	82711	20.51	ng/ul	99
66) Hexachlorobenzene	16.47	284	93490	20.51	ng/ul	96
67) Atrazine	16.62	200	89490	21.08	ng/ul	98
68) Pentachlorophenol	16.81	266	53700	21.64	ng/ul	97
69) Phenanthrene	17.20	178	453112	20.52	ng/ul	100
71) Anthracene	17.29	178	462107	20.62	ng/ul	100
72) Carbazole	17.56	167	442972	20.55	ng/ul	99
73) Di-n-butylphthalate	18.13	149	533084	21.42	ng/ul	100
74) Fluoranthene	19.21	202	511765	20.50	ng/ul	98
77) Pyrene	19.58	202	536360	21.20	ng/ul	99
78) Butylbenzylphthalate	20.47	149	238267	22.97	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.25	252	172166	25.63	ng/ul	98
80) Benzo(a)anthracene	21.32	228	484359	20.79	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.24	149	324998	23.18	ng/ul	99
82) Chrysene	21.37	228	457904	20.66	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	545936	23.37	ng/ul	100
85) Benzo(b)fluoranthene	22.92	252	489412	21.52	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	454064	20.22	ng/ul	99
88) Benzo(a)pyrene	23.51	252	462649	20.42	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.96	276	538755	20.55	ng/ul	99
90) Dibenzo(a,h)anthracene	25.97	278	451704	20.56	ng/ul	99
91) Benzo(g,h,i)perylene	26.67	276	448087	20.34	ng/ul	98

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

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