Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021401.D
Acq On : 10 Mar 2016 10:19
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02030

Quant Time: Mar 10 11:46:00 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:52:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	8579	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	43880	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	29206	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	73424	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	76359	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	69684	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	1691	9.25	ng/uL	0.00
5) Phenol-d5	7.27	99	19164	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	13060	20.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	13646	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	15822	20.16	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	7457	21.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	8123	20.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	14811	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	20951	22.64	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	53887	21.32	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	64835	21.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	10120	21.18	ng/ul	0.00
58) Fluorene-d10	15.72	176	47089	21.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	9284	18.90	ng/ul	0.00
71) Anthracene-d10	17.57	188	75716	20.66	ng/ul	0.00
79) Pyrene-d10	19.84	212	79998	20.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	78210	20.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	1898	7.71	ng/uL#	86
4) Benzaldehyde	7.26	77	15475	24.94	ng/ul	96
6) Phenol	7.29	94	20792	20.21	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.53	93	15278	20.66	ng/ul	97
10) 2-Chlorophenol	7.68	128	14542	20.43	ng/ul	95
11) 2-Methylphenol	8.55	108	15331	19.90	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.64	45	24794	21.28	ng/ul	99
14) Acetophenone	8.94	105	26709	20.59	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.92	70	17566	21.07	ng/ul	96
16) 4-Methylphenol	8.88	108	18148	20.89	ng/ul	89
17) Hexachloroethane	9.20	117	6146	19.91	ng/ul	96
20) Nitrobenzene	9.32	77	24113	21.21	ng/ul	99
21) Isophorone	9.84	82	48190	21.45	ng/ul	99
23) 2-Nitrophenol	10.04	139	9278	20.57	ng/ul	98
24) 2,4-Dimethylphenol	10.09	107	22042	20.93	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.32	93	23484	21.19	ng/ul	99
27) 2,4-Dichlorophenol	10.57	162	15382	20.73	ng/ul	93
28) Naphthalene	10.98	128	50228	20.41	ng/ul	99
30) 4-Chloroaniline	11.08	127	22881	22.79	ng/ul	91
31) Hexachlorobutadiene	11.26	225	9911	20.68	ng/ul	96
32) Caprolactam	11.84	113	7048	22.07	ng/ul	88
33) 4-Chloro-3-methylphenol	12.19	107	22330	21.23	ng/ul	98
34) 2-Methylnaphthalene	12.57	142	38409	21.01	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	35648	20.53	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	19865	20.61	ng/ul	96
38) Hexachlorocyclopentadiene	12.91	237	10773	19.26	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.17	196	14748	21.27	ng/ul#	95
40) 2,4,5-Trichlorophenol	13.24	196	16140	20.95	ng/ul	96
41) 1,1'-Biphenyl	13.57	154	51605	21.06	ng/ul	97
42) 2-Chloronaphthalene	13.61	162	39959	20.98	ng/ul	97
43) 2-Nitroaniline	13.81	65	19772	21.81	ng/ul	98
45) Dimethylphthalate	14.18	163	57627	21.34	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	11939	21.12	ng/ul	98
48) Acenaphthylene	14.46	152	66024	20.88	ng/ul	98
49) 3-Nitroaniline	14.64	138	12591	22.62	ng/ul	96
50) Acenaphthene	14.79	153	45729	20.85	ng/ul	99
51) 2,4-Dinitrophenol	14.84	184	4808	16.98	ng/ul	95
53) 4-Nitrophenol	14.94	109	12338	21.26	ng/ul	95
54) Dibenzofuran	15.13	168	63016	20.85	ng/ul	97
55) 2,4-Dinitrotoluene	15.09	165	18426	21.69	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.35	232	13891	20.63	ng/ul#	93
57) Diethylphthalate	15.53	149	64078	21.59	ng/ul	99
59) Fluorene	15.78	166	55338	20.95	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.76	204	27792	20.99	ng/ul	97
61) 4-Nitroaniline	15.79	138	14089	21.12	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.85	198	10250	19.25	ng/ul	93
65) N-Nitrosodiphenylamine	15.98	169	49202	20.22	ng/ul	98
66) 4-Bromophenyl-phenylether	16.66	248	17144	20.68	ng/ul	93
67) Hexachlorobenzene	16.77	284	16693	18.93	ng/ul	93
68) Atrazine	16.92	200	18801	20.34	ng/ul	96
69) Pentachlorophenol	17.12	266	9050	18.24	ng/ul	94
70) Phenanthrene	17.51	178	89759	20.55	ng/ul	97
72) Anthracene	17.60	178	92323	20.76	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	18171	19.44	ng/uL	90
74) Pentachlorobenzene	15.05	250	19885	19.94	ng/uL	95
75) Carbazole	17.87	167	78647	20.46	ng/ul	98
76) Di-n-butylphthalate	18.41	149	105265	20.09	ng/ul	100
77) Fluoranthene	19.51	202	101141	20.05	ng/ul	99
80) Pyrene	19.87	202	105143	20.58	ng/ul	98
81) Butylbenzylphthalate	20.74	149	47547	20.27	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.63	252	37071	22.08	ng/ul	96
83) Benzo(a)anthracene	21.71	228	101164	20.29	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	71607	20.51	ng/ul	99
85) Chrysene	21.78	228	94570	20.49	ng/ul	99
87) Di-n-octyl phthalate	22.82	149	120717	20.97	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	100234	21.03	ng/ul	100
89) Benzo(k)fluoranthene	24.02	252	94823	20.43	ng/ul	98
91) Benzo(a)pyrene	24.84	252	95504	20.40	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.70	276	105746	20.57	ng/ul	97
93) Dibenzo(a,h)anthracene	28.76	278	89239	20.43	ng/ul	98
94) Benzo(g,h,i)perylene	29.86	276	87160	20.55	ng/ul	95

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

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