Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024796.D
Acq On : 16 Nov 2016 9:58
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02012

Quant Time: Nov 17 01:22:38 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 01:28:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	129806	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	519185	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	428533	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	1018092	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1380695	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1469987	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	20645	8.24	ng/uL	0.00
5) Phenol-d5	7.40	99	217207	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	140202	20.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	153751	19.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	184033	19.71	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	77293	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	92733	19.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	178806	19.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	217469	20.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	638767	20.44	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	701558	20.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	111404	20.04	ng/ul	0.00
57) Fluorene-d10	15.86	176	594953	20.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	132419	18.92	ng/ul	0.00
70) Anthracene-d10	17.72	188	939442	20.89	ng/ul	0.00
76) Pyrene-d10	19.99	212	1191617	19.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1325497	20.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	24658	7.85	ng/uL	89
4) Benzaldehyde	7.40	77	165359	23.08	ng/ul	91
6) Phenol	7.42	94	230511	19.84	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.67	93	166504	20.14	ng/ul	92
10) 2-Chlorophenol	7.82	128	157547	20.43	ng/ul	88
11) 2-Methylphenol	8.69	108	165554	19.45	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.78	45	279248	19.89	ng/ul	97
14) Acetophenone	9.08	105	271496	19.31	ng/ul#	95
15) N-Nitroso-di-n-propylamine	9.06	70	159336	19.94	ng/ul#	86
16) 4-Methylphenol	9.01	108	174350	18.94	ng/ul	91
17) Hexachloroethane	9.35	117	71380	20.22	ng/ul	95
20) Nitrobenzene	9.48	77	230182	19.72	ng/ul	97
21) Isophorone	9.99	82	430039	19.76	ng/ul	97
23) 2-Nitrophenol	10.19	139	96030	20.25	ng/ul	87
24) 2,4-Dimethylphenol	10.23	107	223124	19.82	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.47	93	229043	20.04	ng/ul	95
27) 2,4-Dichlorophenol	10.72	162	180748	20.19	ng/ul	95
28) Naphthalene	11.14	128	501734	20.15	ng/ul	97
30) 4-Chloroaniline	11.25	127	213994	21.26	ng/ul	99
31) Hexachlorobutadiene	11.40	225	157322	20.02	ng/ul#	89
32) Caprolactam	11.99	113	68587	19.44	ng/ul	96
33) 4-Chloro-3-methylphenol	12.34	107	208828	19.27	ng/ul	93
34) 2-Methylnaphthalene	12.72	142	395525	20.18	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	277100	19.93	ng/ul#	95
37) Hexachlorocyclopentadiene	13.06	237	176017	19.64	ng/ul	96
38) 2,4,6-Trichlorophenol	13.31	196	168092	19.87	ng/ul	95
39) 2,4,5-Trichlorophenol	13.39	196	179825	19.56	ng/ul	97
40) 1,1'-Biphenyl	13.71	154	551836	20.01	ng/ul	100
41) 2-Chloronaphthalene	13.76	162	434643	20.28	ng/ul	99
42) 2-Nitroaniline	13.97	65	169464	19.94	ng/ul	90
44) Dimethylphthalate	14.31	163	609567	20.34	ng/ul	99
45) 2,6-Dinitrotoluene	14.45	165	128783	20.44	ng/ul	96
47) Acenaphthylene	14.61	152	673220	20.43	ng/ul	98
48) 3-Nitroaniline	14.78	138	122132	20.98	ng/ul#	69
49) Acenaphthene	14.94	153	468447	20.08	ng/ul	99
50) 2,4-Dinitrophenol	14.99	184	86351	19.15	ng/ul#	79
52) 4-Nitrophenol	15.07	109	140599	21.12	ng/ul	93
53) Dibenzofuran	15.28	168	735437	20.60	ng/ul	97
54) 2,4-Dinitrotoluene	15.23	165	200855	21.08	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.49	232	202051	21.13	ng/ul#	97
56) Diethylphthalate	15.67	149	637547	20.02	ng/ul	96
58) Fluorene	15.92	166	593511	20.48	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.91	204	329417	20.10	ng/ul#	82
60) 4-Nitroaniline	15.94	138	140135	21.16	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.99	198	140053	19.73	ng/ul#	93
64) N-Nitrosodiphenylamine	16.12	169	562904	20.46	ng/ul	91
65) 4-Bromophenyl-phenylether	16.80	248	251499	20.31	ng/ul	98
66) Hexachlorobenzene	16.92	284	288198	21.03	ng/ul	96
67) Atrazine	17.05	200	264271	20.49	ng/ul	95
68) Pentachlorophenol	17.26	266	162246	20.06	ng/ul	96
69) Phenanthrene	17.66	178	1052962	20.75	ng/ul	98
71) Anthracene	17.76	178	1076296	20.50	ng/ul	98
72) Carbazole	18.02	167	954015	22.15	ng/ul	97
73) Di-n-butylphthalate	18.55	149	1131940	20.86	ng/ul	99
74) Fluoranthene	19.66	202	1374982	23.32	ng/ul	97
77) Pyrene	20.02	202	1401708	20.66	ng/ul	99
78) Butylbenzylphthalate	20.88	149	544759	19.61	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.80	252	569799	21.46	ng/ul#	97
80) Benzo(a)anthracene	21.90	228	1524798	20.29	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.76	149	769676	20.25	ng/ul	100
82) Chrysene	21.97	228	1429971	20.30	ng/ul	98
84) Di-n-octyl phthalate	23.03	149	1325821	21.31	ng/ul	100
85) Benzo(b)fluoranthene	24.24	252	1575546	20.35	ng/ul	98
86) Benzo(k)fluoranthene	24.32	252	1504603	20.45	ng/ul	99
88) Benzo(a)pyrene	25.19	252	1519858	20.28	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.29	276	1884184	20.11	ng/ul	97
90) Dibenzo(a,h)anthracene	29.34	278	1579940	20.23	ng/ul	95
91) Benzo(g,h,i)perylene	30.52	276	1576020	20.42	ng/ul	95

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

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