Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024202.D
Acq On : 6 Oct 2016 17:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 07 00:45:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 06 19:58:53 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02007

Manual Integrations APPROVED
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10/7/2016 6:58:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	141497	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	586017	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.92	164	476425	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	1031408	20.00	ng/ul	0.00
75) Chrysene-d12	21.96	240	1101835	20.00	ng/ul	0.00
83) Perylene-d12	25.42	264	1092183	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	25787	8.65	ng/uL	0.00
5) Phenol-d5	7.43	99	274890	20.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.62	67	184741	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.83	132	194142	21.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.99	113	221823	20.78	ng/ul	0.00
19) Nitrobenzene-d5	9.48	128	96965	23.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.20	143	102693	22.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.74	165	215012	21.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.26	131	241382	22.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	715219	21.50	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	834430	21.90	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	126807	21.50	ng/ul	0.00
57) Fluorene-d10	15.90	176	665065	21.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.01	200	128630	20.75	ng/ul	0.00
70) Anthracene-d10	17.76	188	1034310	22.20	ng/ul	0.00
76) Pyrene-d10	20.02	212	1138893	22.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.18	264	1034670	21.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	30595	9.48	ng/uL#	77
4) Benzaldehyde	7.43	77	205647	22.14	ng/ul	81
6) Phenol	7.46	94	282577	21.09	ng/ul#	60
8) Bis(2-Chloroethyl)ether	7.71	93	217130	22.01	ng/ul#	84
10) 2-Chlorophenol	7.86	128	192724	20.92	ng/ul#	80
11) 2-Methylphenol	8.73	108	198718	20.02	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.83	45	415004	21.07	ng/ul#	91
14) Acetophenone	9.13	105	333508	21.04	ng/ul#	64
15) N-Nitroso-di-n-propylamine	9.11	70	199796	20.90	ng/ul#	77
16) 4-Methylphenol	9.06	108	225490	21.42	ng/ul	94
17) Hexachloroethane	9.40	117	84883	19.92	ng/ul#	83
20) Nitrobenzene	9.52	77	297225	22.58	ng/ul#	79
21) Isophorone	10.04	82	545394	22.80	ng/ul#	96
23) 2-Nitrophenol	10.24	139	108112	21.32	ng/ul#	36
24) 2,4-Dimethylphenol	10.27	107	261790	20.95	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.52	93	299169	22.81	ng/ul#	97
27) 2,4-Dichlorophenol	10.76	162	202647	20.86	ng/ul#	88
28) Naphthalene	11.18	128	618591	21.92	ng/ul	95
30) 4-Chloroaniline	11.28	127	250436	23.18	ng/ul	89
31) Hexachlorobutadiene	11.45	225	174524	22.43	ng/ul	96
32) Caprolactam	12.06	113	80083m	21.68	ng/ul	
33) 4-Chloro-3-methylphenol	12.37	107	257433	21.65	ng/ul	85
34) 2-Methylnaphthalene	12.76	142	470605	20.98	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.12	216	296547	21.11 ng/ul	93
37) Hexachlorocyclopentadiene	13.10	237	213738	20.75 ng/ul	98
38) 2,4,6-Trichlorophenol	13.36	196	197763	21.71 ng/ul	90
39) 2,4,5-Trichlorophenol	13.42	196	210526	21.03 ng/ul	98
40) 1,1'-Biphenyl	13.76	154	663424	21.50 ng/ul	94
41) 2-Chloronaphthalene	13.80	162	510708	21.12 ng/ul	94
42) 2-Nitroaniline	14.00	65	207551	22.55 ng/ul#	55
44) Dimethylphthalate	14.36	163	711794	21.82 ng/ul	97
45) 2,6-Dinitrotoluene	14.48	165	142111	22.46 ng/ul	91
47) Acenaphthylene	14.64	152	792044	21.60 ng/ul	98
48) 3-Nitroaniline	14.81	138	130753	21.87 ng/ul#	63
49) Acenaphthene	14.98	153	561353	21.42 ng/ul	93
50) 2,4-Dinitrophenol	15.01	184	88566	20.86 ng/ul#	81
52) 4-Nitrophenol	15.10	109	150456	21.05 ng/ul#	59
53) Dibenzofuran	15.31	168	841705m	21.82 ng/ul	
54) 2,4-Dinitrotoluene	15.26	165	206727	22.04 ng/ul#	56
55) 2,3,4,6-Tetrachlorophenol	15.52	232	206941	21.06 ng/ul	97
56) Diethylphthalate	15.71	149	748789	21.78 ng/ul	96
58) Fluorene	15.96	166	675409	21.18 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.95	204	375037	21.19 ng/ul	98
60) 4-Nitroaniline	15.97	138	153059	22.23 ng/ul#	45
63) 4,6-Dinitro-2-methylphenol	16.02	198	140766	21.67 ng/ul#	88
64) N-Nitrosodiphenylamine	16.15	169	615714	21.11 ng/ul	98
65) 4-Bromophenyl-phenylether	16.84	248	253345	21.21 ng/ul	95
66) Hexachlorobenzene	16.95	284	283403	21.26 ng/ul	96
67) Atrazine	17.09	200	259822	21.78 ng/ul	96
68) Pentachlorophenol	17.29	266	176449	21.78 ng/ul	90
69) Phenanthrene	17.70	178	1133306	21.76 ng/ul	98
71) Anthracene	17.79	178	1160416	21.89 ng/ul	99
72) Carbazole	18.06	167	991015	23.83 ng/ul	98
73) Di-n-butylphthalate	18.59	149	1152065	22.65 ng/ul#	93
74) Fluoranthene	19.69	202	1310857	24.92 ng/ul#	87
77) Pyrene	20.05	202	1313131	22.31 ng/ul#	87
78) Butylbenzylphthalate	20.92	149	510318	21.58 ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.84	252	456021	22.22 ng/ul#	95
80) Benzo(a)anthracene	21.93	228	1316867	21.54 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.82	149	729054	21.80 ng/ul#	97
82) Chrysene	22.00	228	1256114	21.58 ng/ul	97
84) Di-n-octyl phthalate	23.12	149	1197208	23.36 ng/ul	100
85) Benzo(b)fluoranthene	24.31	252	1289770	21.27 ng/ul#	93
86) Benzo(k)fluoranthene	24.38	252	1230628	21.07 ng/ul#	88
88) Benzo(a)pyrene	25.25	252	1244705	21.55 ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.38	276	1460285	21.35 ng/ul#	82
90) Dibenzo(a,h)anthracene	29.47	278	1235743m	21.36 ng/ul	
91) Benzo(g,h,i)perylene	30.64	276	1169744m	20.33 ng/ul	

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

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