Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122815\
Data File : BG020586.D
Acq On : 29 Dec 2015 5:38
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02003

Manual Integrations APPROVED
UMANGI
12/29/2015 4:55:42 PM

Quant Time: Dec 29 08:01:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 29 05:04:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	13366	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	60910	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	47487	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	135327	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	167068	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	156938	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	2220	9.16	ng/uL	0.00
5) Phenol-d5	7.23	99	24349	22.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	14851	23.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	19467	23.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	21301	23.60	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	10056	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	11050	20.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	23228	22.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	28369	23.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	87541	22.37	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	95801	21.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	13348	20.46	ng/ul	0.00
58) Fluorene-d10	15.70	176	78471	22.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	14800	16.50	ng/ul	0.00
71) Anthracene-d10	17.55	188	135670	21.40	ng/ul	0.00
79) Pyrene-d10	19.83	212	164015	22.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	170563	21.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	2738	9.85	ng/uL#	94
4) Benzaldehyde	7.20	77	17108	26.32	ng/ul	91
6) Phenol	7.25	94	26120	23.38	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.48	93	18669	22.93	ng/ul	97
10) 2-Chlorophenol	7.63	128	20317	23.65	ng/ul	98
11) 2-Methylphenol	8.52	108	20058	23.14	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.60	45	25319	24.00	ng/ul#	95
14) Acetophenone	8.89	105	35657	24.66	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.87	70	17889	24.47	ng/ul	95
16) 4-Methylphenol	8.84	108	22688	24.13	ng/ul	95
17) Hexachloroethane	9.16	117	8142	22.45	ng/ul	98
20) Nitrobenzene	9.28	77	25378	21.31	ng/ul	98
21) Isophorone	9.80	82	52418	23.31	ng/ul	98
23) 2-Nitrophenol	10.00	139	12026	20.97	ng/ul	98
24) 2,4-Dimethylphenol	10.05	107	27069	22.22	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.28	93	28070	22.46	ng/ul	92
27) 2,4-Dichlorophenol	10.53	162	23857	22.14	ng/ul	95
28) Naphthalene	10.94	128	69372	21.42	ng/ul	99
30) 4-Chloroaniline	11.05	127	29644	24.50	ng/ul	95
31) Hexachlorobutadiene	11.21	225	18150	20.16	ng/ul	88
32) Caprolactam	11.79	113	8928m	25.75	ng/ul	
33) 4-Chloro-3-methylphenol	12.16	107	27218	24.11	ng/ul	90
34) 2-Methylnaphthalene	12.54	142	54306	22.67	ng/ul	89

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35) 1-Methylnaphthalene	12.75	142	51432	22.60	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	38077	19.81	ng/ul	98
38) Hexachlorocyclopentadiene	12.88	237	7219	6.89	ng/ul	92
39) 2,4,6-Trichlorophenol	13.14	196	22564	19.77	ng/ul	95
40) 2,4,5-Trichlorophenol	13.22	196	25549	20.46	ng/ul	98
41) 1,1'-Biphenyl	13.54	154	75405	20.58	ng/ul	97
42) 2-Chloronaphthalene	13.59	162	62217	21.04	ng/ul	99
43) 2-Nitroaniline	13.79	65	19309	23.28	ng/ul	90
45) Dimethylphthalate	14.15	163	88861	22.33	ng/ul	99
46) 2,6-Dinitrotoluene	14.28	165	18249	22.54	ng/ul	96
48) Acenaphthylene	14.43	152	102915	21.59	ng/ul	99
49) 3-Nitroaniline	14.61	138	18231	24.41	ng/ul	86
50) Acenaphthene	14.77	153	68586	21.28	ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	4091	7.90	ng/ul	90
53) 4-Nitrophenol	14.92	109	12380	20.97	ng/ul	94
54) Dibenzofuran	15.10	168	105538	22.01	ng/ul	100
55) 2,4-Dinitrotoluene	15.07	165	28313	23.40	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.33	232	24495	19.92	ng/ul#	99
57) Diethylphthalate	15.51	149	94214	23.07	ng/ul	99
59) Fluorene	15.75	166	86255	22.20	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.74	204	49538	22.04	ng/ul	96
61) 4-Nitroaniline	15.77	138	20146	24.00	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.83	198	15832	16.61	ng/ul#	99
65) N-Nitrosodiphenylamine	15.95	169	77814	20.57	ng/ul	98
66) 4-Bromophenyl-phenylether	16.64	248	34270	20.37	ng/ul	94
67) Hexachlorobenzene	16.75	284	37118	19.73	ng/ul	95
68) Atrazine	16.89	200	36349	21.69	ng/ul	100
69) Pentachlorophenol	17.10	266	12421	12.20	ng/ul	97
70) Phenanthrene	17.49	178	159314	21.16	ng/ul	99
72) Anthracene	17.59	178	164022	21.30	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	41570	18.40	ng/uL	96
74) Pentachlorobenzene	15.02	250	40639	19.40	ng/uL	98
75) Carbazole	17.86	167	142472	21.96	ng/ul	100
76) Di-n-butylphthalate	18.40	149	167366	21.64	ng/ul	99
77) Fluoranthene	19.50	202	205586	21.71	ng/ul	98
80) Pyrene	19.86	202	209806	22.21	ng/ul	99
81) Butylbenzylphthalate	20.74	149	74756	22.25	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.62	252	69776	21.33	ng/ul	98
83) Benzo(a)anthracene	21.71	228	211401	21.55	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	105120	21.39	ng/ul	99
85) Chrysene	21.77	228	198859	21.28	ng/ul	99
87) Di-n-octyl phthalate	22.81	149	184719	22.74	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	201646m	21.41	ng/ul	
89) Benzo(k)fluoranthene	24.02	252	201734	22.15	ng/ul	98
91) Benzo(a)pyrene	24.84	252	194665	21.50	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.72	276	233409	21.52	ng/ul	95
93) Dibenzo(a,h)anthracene	28.78	278	194625	21.63	ng/ul	97
94) Benzo(g,h,i)perylene	29.90	276	188979	21.22	ng/ul	98

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

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