Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020559.D
Acq On : 27 Dec 2015 17:55
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02032

Manual Integrations APPROVED
Sohil
12/28/2015 6:08:52 PM

Quant Time: Dec 28 04:59:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 02:38:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	24853	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	110484	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	79067	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	200220	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	241082	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	220564	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	3521	7.81	ng/uL	0.00
5) Phenol-d5	7.23	99	45873	23.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	27822	23.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	36803	24.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	39414	23.49	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	19325	22.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	22620	22.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	43491	22.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	52983	24.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	138161	21.20	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	164773	21.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	22194	20.43	ng/ul	0.00
58) Fluorene-d10	15.70	176	125724	21.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	25796	19.44	ng/ul	0.00
71) Anthracene-d10	17.56	188	202953	21.64	ng/ul	0.00
79) Pyrene-d10	19.84	212	232347	22.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	253777	22.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	4608	8.92	ng/uL#	87
4) Benzaldehyde	7.21	77	29106	24.08	ng/ul	97
6) Phenol	7.26	94	48798	23.50	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.49	93	34864	23.03	ng/ul	95
10) 2-Chlorophenol	7.64	128	37084	23.22	ng/ul	94
11) 2-Methylphenol	8.52	108	37793	23.45	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.61	45	46775	23.84	ng/ul	97
14) Acetophenone	8.90	105	62979	23.42	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.88	70	32848	24.17	ng/ul	97
16) 4-Methylphenol	8.85	108	41822	23.92	ng/ul	99
17) Hexachloroethane	9.17	117	15182	22.51	ng/ul	96
20) Nitrobenzene	9.29	77	48254	22.34	ng/ul	97
21) Isophorone	9.81	82	90437	22.17	ng/ul	99
23) 2-Nitrophenol	10.00	139	23710	22.79	ng/ul	97
24) 2,4-Dimethylphenol	10.06	107	49429	22.37	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.29	93	50595	22.32	ng/ul	97
27) 2,4-Dichlorophenol	10.54	162	44708	22.88	ng/ul	96
28) Naphthalene	10.95	128	128264	21.84	ng/ul	98
30) 4-Chloroaniline	11.05	127	52902	24.10	ng/ul	99
31) Hexachlorobutadiene	11.22	225	33781	20.69	ng/ul	96
32) Caprolactam	11.81	113	14424m	22.94	ng/ul	
33) 4-Chloro-3-methylphenol	12.17	107	47737	23.31	ng/ul#	86
34) 2-Methylnaphthalene	12.54	142	97001	22.32	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	92681	22.45	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	69707	21.78	ng/ul	100
38) Hexachlorocyclopentadiene	12.88	237	17910	10.26	ng/ul	99
39) 2,4,6-Trichlorophenol	13.15	196	41846	22.02	ng/ul	95
40) 2,4,5-Trichlorophenol	13.23	196	44510	21.41	ng/ul	98
41) 1,1'-Biphenyl	13.54	154	133013	21.80	ng/ul	96
42) 2-Chloronaphthalene	13.59	162	107334	21.80	ng/ul	97
43) 2-Nitroaniline	13.80	65	32758	23.72	ng/ul	88
45) Dimethylphthalate	14.16	163	141779	21.40	ng/ul	97
46) 2,6-Dinitrotoluene	14.29	165	30276	22.46	ng/ul	94
48) Acenaphthylene	14.44	152	174832	22.03	ng/ul	100
49) 3-Nitroaniline	14.62	138	29126	23.42	ng/ul	89
50) Acenaphthene	14.78	153	116845	21.78	ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	12505	14.50	ng/ul	96
53) 4-Nitrophenol	14.93	109	19233	19.57	ng/ul#	87
54) Dibenzofuran	15.11	168	173715	21.76	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	43915	21.80	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.33	232	43262	21.13	ng/ul	97
57) Diethylphthalate	15.52	149	145483	21.39	ng/ul	99
59) Fluorene	15.76	166	139554	21.57	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.75	204	80098	21.40	ng/ul	96
61) 4-Nitroaniline	15.78	138	30862	22.09	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.84	198	27455	19.47	ng/ul	96
65) N-Nitrosodiphenylamine	15.96	169	123387	22.05	ng/ul	97
66) 4-Bromophenyl-phenylether	16.64	248	54833	22.03	ng/ul	98
67) Hexachlorobenzene	16.76	284	59146	21.25	ng/ul	94
68) Atrazine	16.90	200	52203	21.05	ng/ul	98
69) Pentachlorophenol	17.11	266	25743	17.09	ng/ul	97
70) Phenanthrene	17.50	178	239939	21.54	ng/ul	98
72) Anthracene	17.59	178	245573	21.56	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	75032	22.45	ng/uL	95
74) Pentachlorobenzene	15.03	250	69174	22.32	ng/uL	96
75) Carbazole	17.86	167	209029	21.77	ng/ul	97
76) Di-n-butylphthalate	18.40	149	241227	21.08	ng/ul	99
77) Fluoranthene	19.51	202	295074	21.06	ng/ul	98
80) Pyrene	19.87	202	297508	21.82	ng/ul	98
81) Butylbenzylphthalate	20.74	149	106259	21.92	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.63	252	106040	22.47	ng/ul	97
83) Benzo(a)anthracene	21.72	228	309905	21.89	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	152314	21.48	ng/ul	98
85) Chrysene	21.78	228	287829	21.34	ng/ul	99
87) Di-n-octyl phthalate	22.82	149	264806	23.20	ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	294638m	22.26	ng/ul	
89) Benzo(k)fluoranthene	24.03	252	286122	22.36	ng/ul	99
91) Benzo(a)pyrene	24.85	252	281301	22.11	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	310373	20.36	ng/ul	95
93) Dibenzo(a,h)anthracene	28.80	278	265539	21.00	ng/ul	98
94) Benzo(g,h,i)perylene	29.91	276	222817	17.80	ng/ul	100

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

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