Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018282.D
Acq On : 5 Aug 2015 22:02
Operator : UM/TP
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02066

Manual Integrations APPROVED
apatel
8/10/2015 9:23:57 AM

Quant Time: Aug 06 03:40:47 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 02:25:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	41582	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	188047	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	129358	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	322957	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	334697	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	269420	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	4187	8.69	ng/uL	0.00
5) Phenol-d5	6.64	99	61999	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	30501	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	50864	18.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	51895	18.80	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	27860	19.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	32423	19.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	60768	19.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	75440	20.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	192011	19.19	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	221153	19.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	30313	18.36	ng/ul	0.00
58) Fluorene-d10	15.11	176	173432	19.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	40309	18.03	ng/ul	0.00
71) Anthracene-d10	16.97	188	272834	19.21	ng/ul	0.00
79) Pyrene-d10	19.28	212	299631	16.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	279680	19.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	4604	8.65	ng/uL#	87
4) Benzaldehyde	6.58	77	36474	21.83	ng/ul	96
6) Phenol	6.67	94	61987	19.07	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.87	93	44837	18.85	ng/ul	96
10) 2-Chlorophenol	7.00	128	50348	19.17	ng/ul	96
11) 2-Methylphenol	7.90	108	49762	18.75	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.98	45	36182	19.84	ng/ul#	85
14) Acetophenone	8.25	105	84606	19.07	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.25	70	41987	17.90	ng/ul	97
16) 4-Methylphenol	8.23	108	55263	18.58	ng/ul	89
17) Hexachloroethane	8.49	117	23898	19.22	ng/ul#	93
20) Nitrobenzene	8.63	77	67545	20.62	ng/ul	95
21) Isophorone	9.15	82	127645	19.46	ng/ul	97
23) 2-Nitrophenol	9.34	139	33408	18.56	ng/ul	97
24) 2,4-Dimethylphenol	9.42	107	73708	19.46	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.64	93	62934	18.71	ng/ul	98
27) 2,4-Dichlorophenol	9.88	162	56561	19.76	ng/ul	92
28) Naphthalene	10.26	128	167901	18.99	ng/ul	97
30) 4-Chloroaniline	10.39	127	75476	20.30	ng/ul	94
31) Hexachlorobutadiene	10.54	225	42834	19.85	ng/ul	95
32) Caprolactam	11.14	113	24612m	18.47	ng/ul	
33) 4-Chloro-3-methylphenol	11.55	107	70543	19.41	ng/ul	95
34) 2-Methylnaphthalene	11.90	142	134973	19.02	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	129469	18.89	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	73840	19.52	ng/ul	89
38) Hexachlorocyclopentadiene	12.25	237	30256	17.76	ng/ul	92
39) 2,4,6-Trichlorophenol	12.54	196	49996	20.15	ng/ul	94
40) 2,4,5-Trichlorophenol	12.61	196	50749	19.09	ng/ul	89
41) 1,1'-Biphenyl	12.94	154	175851	19.73	ng/ul	97
42) 2-Chloronaphthalene	12.98	162	136657	19.54	ng/ul	96
43) 2-Nitroaniline	13.19	65	45911	19.56	ng/ul	92
45) Dimethylphthalate	13.58	163	189979	19.03	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	44269	19.27	ng/ul	95
48) Acenaphthylene	13.83	152	226289	19.37	ng/ul	98
49) 3-Nitroaniline	14.03	138	38223	19.04	ng/ul	95
50) Acenaphthene	14.18	153	146222	19.34	ng/ul	95
51) 2,4-Dinitrophenol	14.26	184	20396	16.66	ng/ul	90
53) 4-Nitrophenol	14.38	109	34885	18.83	ng/ul	89
54) Dibenzofuran	14.52	168	214875	19.31	ng/ul	98
55) 2,4-Dinitrotoluene	14.50	165	66048	19.78	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	14.76	232	47773	19.64	ng/ul	95
57) Diethylphthalate	14.96	149	204605	19.33	ng/ul	97
59) Fluorene	15.17	166	188599	19.30	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.17	204	101170	19.17	ng/ul	97
61) 4-Nitroaniline	15.21	138	40323	18.41	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.28	198	41451	18.52	ng/ul#	96
65) N-Nitrosodiphenylamine	15.39	169	161889	19.06	ng/ul	95
66) 4-Bromophenyl-phenylether	16.07	248	71301	19.46	ng/ul	92
67) Hexachlorobenzene	16.18	284	84692	19.76	ng/ul	99
68) Atrazine	16.35	200	74294	19.23	ng/ul	97
69) Pentachlorophenol	16.54	266	25699m	15.60	ng/ul	
70) Phenanthrene	16.91	178	315955	19.39	ng/ul	99
72) Anthracene	17.01	178	313023	19.24	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	75465	19.62	ng/uL	93
74) Pentachlorobenzene	14.44	250	83798	19.49	ng/uL	89
75) Carbazole	17.28	167	270914	19.74	ng/ul	96
76) Di-n-butylphthalate	17.85	149	361692	18.79	ng/ul	98
77) Fluoranthene	18.95	202	377193	20.86	ng/ul	99
80) Pyrene	19.31	202	374249	16.08	ng/ul	99
81) Butylbenzylphthalate	20.23	149	159720	17.70	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.01	252	139831	19.30	ng/ul#	99
83) Benzo(a)anthracene	21.07	228	348847	19.75	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	216706	19.95	ng/ul	97
85) Chrysene	21.12	228	317726	20.02	ng/ul	97
87) Di-n-octyl phthalate	21.87	149	316135	17.81	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	330266	19.99	ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	297227	18.76	ng/ul	99
91) Benzo(a)pyrene	23.15	252	286534	19.86	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.41	276	306378	17.17	ng/ul	98
93) Dibenzo(a,h)anthracene	25.43	278	261683	16.71	ng/ul	99
94) Benzo(g,h,i)perylene	26.08	276	250403	17.29	ng/ul	95

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

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