Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
Data File : BG018297.D
Acq On : 6 Aug 2015 6:45
Operator : UM/TP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Manual Integrations APPROVED
apatel
8/10/2015 9:25:31 AM

Quant Time: Aug 06 08:23:12 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 03:42:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	61900	20.00	ng/ul	0.02
18) Naphthalene-d8	10.23	136	270620	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.13	164	166253	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.89	188	253927	20.00	ng/ul	0.02
78) Chrysene-d12	21.11	240	190918	20.00	ng/ul	0.02
86) Perylene-d12	23.28	264	190820	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	4455	6.21	ng/uL	0.00
5) Phenol-d5	6.67	99	85890	17.64	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.79	67	42731	18.16	ng/ul	0.01
9) 2-Chlorophenol-d4	6.99	132	76659	18.91	ng/ul	0.02
13) 4-Methylphenol-d8	8.20	113	73128	17.79	ng/ul	0.03
19) Nitrobenzene-d5	8.61	128	38444	18.35	ng/ul	0.02
22) 2-Nitrophenol-d4	9.33	143	46893	19.35	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.88	165	85696	19.23	ng/ul	0.03
29) 4-Chloroaniline-d4	10.38	131	104094	19.51	ng/ul	0.02
44) Dimethylphthalate-d6	13.55	166	238693	18.56	ng/ul	0.02
47) Acenaphthylene-d8	13.82	160	284469	19.51	ng/ul	0.02
52) 4-Nitrophenol-d4	14.41	143	31396	14.80	ng/ul	0.04
58) Fluorene-d10	15.14	176	200417	17.35	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.29	200	11646	6.62	ng/ul	0.03
71) Anthracene-d10	16.99	188	210955	18.89	ng/ul	0.02
79) Pyrene-d10	19.31	212	121441	11.37	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.15	264	186361	18.77	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	4179	5.27	ng/uL#	88
4) Benzaldehyde	6.59	77	47496	19.09	ng/ul	95
6) Phenol	6.69	94	85042	17.58	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.88	93	62388	17.62	ng/ul	97
10) 2-Chlorophenol	7.02	128	74387	19.03	ng/ul	91
11) 2-Methylphenol	7.93	108	69993	17.71	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	7.99	45	47522	17.51	ng/ul#	86
14) Acetophenone	8.27	105	115787	17.53	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.26	70	55502	15.90	ng/ul#	92
16) 4-Methylphenol	8.26	108	77611	17.53	ng/ul	99
17) Hexachloroethane	8.50	117	34926	18.87	ng/ul#	92
20) Nitrobenzene	8.65	77	88773	18.83	ng/ul	99
21) Isophorone	9.17	82	161273	17.08	ng/ul	98
23) 2-Nitrophenol	9.36	139	48163	18.59	ng/ul	95
24) 2,4-Dimethylphenol	9.44	107	98831	18.13	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.66	93	82142	16.97	ng/ul	98
27) 2,4-Dichlorophenol	9.91	162	80083	19.45	ng/ul	93
28) Naphthalene	10.28	128	244809	19.24	ng/ul#	98
30) 4-Chloroaniline	10.41	127	103658	19.37	ng/ul	91
31) Hexachlorobutadiene	10.56	225	66229	21.32	ng/ul	93
32) Caprolactam	11.19	113	28820m	15.02	ng/ul	
33) 4-Chloro-3-methylphenol	11.58	107	90667	17.33	ng/ul	98
34) 2-Methylnaphthalene	11.92	142	193217	18.92	ng/ul	97

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35) 1-Methylnaphthalene	12.14	142	183505	18.60	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	105966	21.80	ng/ul	96
38) Hexachlorocyclopentadiene	12.26	237	7540	3.44	ng/ul#	81
39) 2,4,6-Trichlorophenol	12.56	196	69766	21.87	ng/ul	98
40) 2,4,5-Trichlorophenol	12.65	196	73267	21.45	ng/ul	88
41) 1,1'-Biphenyl	12.96	154	241148	21.05	ng/ul	99
42) 2-Chloronaphthalene	12.99	162	190313	21.17	ng/ul	96
43) 2-Nitroaniline	13.22	65	51784	17.17	ng/ul	100
45) Dimethylphthalate	13.60	163	236334	18.42	ng/ul	97
46) 2,6-Dinitrotoluene	13.73	165	52635	17.82	ng/ul	98
48) Acenaphthylene	13.86	152	290850	19.38	ng/ul	100
49) 3-Nitroaniline	14.06	138	49607	19.22	ng/ul	90
50) Acenaphthene	14.20	153	183484	18.88	ng/ul	98
51) 2,4-Dinitrophenol	14.29	184	3151	2.00	ng/ul#	84
53) 4-Nitrophenol	14.42	109	37227	15.63	ng/ul	91
54) Dibenzofuran	14.54	168	272156	19.03	ng/ul	96
55) 2,4-Dinitrotoluene	14.53	165	71824	16.74	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	14.79	232	57347	18.34	ng/ul#	96
57) Diethylphthalate	14.97	149	230850	16.97	ng/ul	95
59) Fluorene	15.20	166	223926	17.83	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.19	204	123425	18.20	ng/ul	98
61) 4-Nitroaniline	15.23	138	45806	16.27	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.31	198	11433	6.50	ng/ul#	93
65) N-Nitrosodiphenylamine	15.41	169	180339	27.01	ng/ul	95
66) 4-Bromophenyl-phenylether	16.09	248	72821	25.27	ng/ul	97
67) Hexachlorobenzene	16.21	284	82736	24.55	ng/ul	94
68) Atrazine	16.38	200	67212	22.13	ng/ul	97
69) Pentachlorophenol	16.57	266	24826	19.17	ng/ul	91
70) Phenanthrene	16.94	178	244843	19.11	ng/ul	99
72) Anthracene	17.03	178	242115	18.93	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	103533	34.24	ng/uL	94
74) Pentachlorobenzene	14.46	250	108417	32.07	ng/uL	87
75) Carbazole	17.31	167	193605	17.94	ng/ul	98
76) Di-n-butylphthalate	17.87	149	204850	13.53	ng/ul	99
77) Fluoranthene	18.97	202	147145	10.35	ng/ul#	91
80) Pyrene	19.34	202	152996	11.52	ng/ul#	95
81) Butylbenzylphthalate	20.25	149	70367	13.67	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.03	252	65214	15.78	ng/ul	97
83) Benzo(a)anthracene	21.10	228	190842	18.94	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	112555	18.17	ng/ul#	95
85) Chrysene	21.15	228	179358	19.81	ng/ul	97
87) Di-n-octyl phthalate	21.88	149	202512m	16.11	ng/ul	
88) Benzo(b)fluoranthene	22.63	252	208017	17.77	ng/ul#	96
89) Benzo(k)fluoranthene	22.68	252	207303	18.47	ng/ul#	96
91) Benzo(a)pyrene	23.19	252	193305	18.92	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.49	276	160041	12.66	ng/ul	92
93) Dibenzo(a,h)anthracene	25.49	278	152375	13.74	ng/ul	99
94) Benzo(g,h,i)perylene	26.16	276	110979	10.82	ng/ul#	96

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

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