Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080615\
Data File : BG018299.D
Acq On : 6 Aug 2015 11:50
Operator : UM/TP
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02068

Manual Integrations APPROVED
MMDadoda
8/10/2015 10:12:12 AM

Quant Time: Aug 07 01:29:28 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	7.43	152	40789	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	182431	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	124715	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	314520	20.00	ng/ul	0.02
78) Chrysene-d12	21.10	240	202487	20.00	ng/ul	0.02
86) Perylene-d12	23.28	264	158844	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.89	96	3353	7.09	ng/uL	-0.01
5) Phenol-d5	6.65	99	59988	18.70	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.78	67	29677	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	52607	19.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	51969	19.19	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	28190	19.96	ng/ul	0.01
22) 2-Nitrophenol-d4	9.31	143	31594	19.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	58310	19.41	ng/ul	0.01
29) 4-Chloroaniline-d4	10.37	131	74416	20.69	ng/ul	0.01
44) Dimethylphthalate-d6	13.54	166	194043	20.12	ng/ul	0.01
47) Acenaphthylene-d8	13.81	160	210726	19.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	28382	17.83	ng/ul	0.02
58) Fluorene-d10	15.13	176	167252	19.30	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.28	200	38362	17.62	ng/ul	0.02
71) Anthracene-d10	16.98	188	264157	19.09	ng/ul	0.01
79) Pyrene-d10	19.30	212	255854	22.58	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.14	264	147129	17.80	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	2.93	88	3996	7.65	ng/uL#	81
4) Benzaldehyde	6.58	77	34522	21.06	ng/ul	95
6) Phenol	6.68	94	60883	19.09	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.87	93	43181	18.51	ng/ul	98
10) 2-Chlorophenol	7.01	128	53584	20.80	ng/ul#	90
11) 2-Methylphenol	7.91	108	47381	18.20	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.98	45	32634	18.25	ng/ul	98
14) Acetophenone	8.26	105	79984	18.38	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.25	70	39181	17.03	ng/ul#	92
16) 4-Methylphenol	8.24	108	54056	18.53	ng/ul	98
17) Hexachloroethane	8.49	117	23544	19.30	ng/ul	87
20) Nitrobenzene	8.63	77	61722	19.42	ng/ul	98
21) Isophorone	9.16	82	121923	19.16	ng/ul	99
23) 2-Nitrophenol	9.34	139	33005	18.90	ng/ul	97
24) 2,4-Dimethylphenol	9.43	107	68423	18.62	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.65	93	57383	17.59	ng/ul	97
27) 2,4-Dichlorophenol	9.89	162	54265	19.55	ng/ul	89
28) Naphthalene	10.27	128	159027	18.54	ng/ul#	96
30) 4-Chloroaniline	10.40	127	74445	20.64	ng/ul	96
31) Hexachlorobutadiene	10.55	225	42745	20.41	ng/ul	97
32) Caprolactam	11.15	113	25595m	19.79	ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	67880	19.25	ng/ul	98
34) 2-Methylnaphthalene	11.91	142	124044	18.02	ng/ul	98

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35) 1-Methylnaphthalene	12.13	142	122407	18.41	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	71256	19.54	ng/ul	91
38) Hexachlorocyclopentadiene	12.25	237	24043	14.64	ng/ul	93
39) 2,4,6-Trichlorophenol	12.55	196	50579	21.14	ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	55686	21.73	ng/ul	97
41) 1,1'-Biphenyl	12.94	154	166038	19.33	ng/ul	98
42) 2-Chloronaphthalene	12.98	162	130957	19.42	ng/ul	96
43) 2-Nitroaniline	13.20	65	43767	19.34	ng/ul	96
45) Dimethylphthalate	13.59	163	192437	20.00	ng/ul	100
46) 2,6-Dinitrotoluene	13.72	165	40435	18.25	ng/ul	97
48) Acenaphthylene	13.84	152	218600	19.41	ng/ul	98
49) 3-Nitroaniline	14.04	138	38869	20.08	ng/ul	95
50) Acenaphthene	14.19	153	141060	19.35	ng/ul	95
51) 2,4-Dinitrophenol	14.27	184	18943m	16.05	ng/ul	
53) 4-Nitrophenol	14.41	109	33150	18.56	ng/ul	87
54) Dibenzofuran	14.53	168	206279	19.23	ng/ul	96
55) 2,4-Dinitrotoluene	14.51	165	62802	19.51	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.77	232	47974	20.45	ng/ul	95
57) Diethylphthalate	14.97	149	208280	20.41	ng/ul	98
59) Fluorene	15.18	166	179375	19.04	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.18	204	100792	19.81	ng/ul	94
61) 4-Nitroaniline	15.22	138	40492	19.17	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.30	198	39248	18.00	ng/ul	98
65) N-Nitrosodiphenylamine	15.40	169	159681	19.31	ng/ul	99
66) 4-Bromophenyl-phenylether	16.08	248	68887	19.30	ng/ul	95
67) Hexachlorobenzene	16.20	284	80311	19.24	ng/ul	97
68) Atrazine	16.37	200	75048	19.95	ng/ul	99
69) Pentachlorophenol	16.55	266	25844	16.11	ng/ul	99
70) Phenanthrene	16.93	178	300394	18.93	ng/ul	97
72) Anthracene	17.02	178	303473	19.16	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	73156	19.53	ng/uL	87
74) Pentachlorobenzene	14.45	250	82719	19.75	ng/uL	90
75) Carbazole	17.30	167	264023	19.76	ng/ul	98
76) Di-n-butylphthalate	17.86	149	342904	18.29	ng/ul	99
77) Fluoranthene	18.96	202	327364	18.59	ng/ul	97
80) Pyrene	19.33	202	319600	22.70	ng/ul	98
81) Butylbenzylphthalate	20.24	149	113431	20.78	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.02	252	85010	19.39	ng/ul	98
83) Benzo(a)anthracene	21.08	228	206803	19.35	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	125719	19.13	ng/ul	98
85) Chrysene	21.14	228	183922	19.15	ng/ul	98
87) Di-n-octyl phthalate	21.88	149	154430	14.76	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	172681	17.73	ng/ul	98
89) Benzo(k)fluoranthene	22.66	252	159893	17.12	ng/ul	96
91) Benzo(a)pyrene	23.18	252	158393	18.62	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.47	276	210563	20.01	ng/ul	99
93) Dibenzo(a,h)anthracene	25.49	278	181851	19.70	ng/ul	99
94) Benzo(g,h,i)perylene	26.15	276	166384	19.48	ng/ul	96

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

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