Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091015\
Data File : BG018600.D
Acq On : 10 Sep 2015 12:55
Operator : UM/IZ
Sample : SSTD02087
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02087

Quant Time: Sep 10 13:33:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 10 13:29:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	59026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	254677	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.63	164	167646	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	446332	20.00	ng/ul	0.00
78) Chrysene-d12	21.63	240	488991	20.00	ng/ul	0.00
86) Perylene-d12	24.83	264	488959	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	9639	7.22	ng/uL	0.00
5) Phenol-d5	7.16	99	95397	17.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	56893	17.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	72198	17.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	76096	16.91	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	37679	18.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	37406	18.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	78912	18.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	98122	20.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	259429	18.39	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	313722	17.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.82	143	49897	19.67	ng/ul	0.00
58) Fluorene-d10	15.62	176	232277	18.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	36464	16.61	ng/ul	0.00
71) Anthracene-d10	17.47	188	377064	17.66	ng/ul	0.00
79) Pyrene-d10	19.76	212	440554	17.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	460789	17.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	11054	7.73	ng/uL#	76
4) Benzaldehyde	7.14	77	62434	19.87	ng/ul	94
6) Phenol	7.19	94	97935	17.92	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.42	93	75300	17.91	ng/ul	99
10) 2-Chlorophenol	7.57	128	77447	18.52	ng/ul	93
11) 2-Methylphenol	8.44	108	75017	17.70	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.54	45	89853	13.32	ng/ul#	96
14) Acetophenone	8.83	105	120083	18.47	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.81	70	61298	16.43	ng/ul	90
16) 4-Methylphenol	8.77	108	84155	18.20	ng/ul	93
17) Hexachloroethane	9.09	117	28318	15.71	ng/ul#	81
20) Nitrobenzene	9.21	77	87434	17.45	ng/ul#	93
21) Isophorone	9.72	82	176904	18.36	ng/ul	99
23) 2-Nitrophenol	9.92	139	41565	18.51	ng/ul	92
24) 2,4-Dimethylphenol	9.98	107	86374	17.17	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.21	93	105430	17.55	ng/ul	96
27) 2,4-Dichlorophenol	10.45	162	78897	19.63	ng/ul	93
28) Naphthalene	10.86	128	253477	18.83	ng/ul	98
30) 4-Chloroaniline	10.96	127	102689	20.82	ng/ul	99
31) Hexachlorobutadiene	11.15	225	48528	19.11	ng/ul	92
32) Caprolactam	11.71	113	33364	20.60	ng/ul#	85
33) 4-Chloro-3-methylphenol	12.09	107	85070	18.26	ng/ul	96
34) 2-Methylnaphthalene	12.46	142	185380	19.02	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	175739	18.46	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.83	216	98723	18.37	ng/ul	95
38) Hexachlorocyclopentadiene	12.81	237	53526	16.73	ng/ul#	85
39) 2,4,6-Trichlorophenol	13.07	196	67525	18.44	ng/ul	91
40) 2,4,5-Trichlorophenol	13.14	196	71881	18.26	ng/ul	98
41) 1,1'-Biphenyl	13.47	154	245616	17.55	ng/ul	98
42) 2-Chloronaphthalene	13.51	162	189088	17.40	ng/ul	99
43) 2-Nitroaniline	13.71	65	54890	15.64	ng/ul#	74
45) Dimethylphthalate	14.08	163	254892	18.32	ng/ul	98
46) 2,6-Dinitrotoluene	14.20	165	50902	18.37	ng/ul	88
48) Acenaphthylene	14.35	152	334833	18.80	ng/ul	99
49) 3-Nitroaniline	14.53	138	58005	20.52	ng/ul#	82
50) Acenaphthene	14.70	153	222240	17.78	ng/ul	96
51) 2,4-Dinitrophenol	14.73	184	18396	13.61	ng/ul#	77
53) 4-Nitrophenol	14.84	109	34385	15.59	ng/ul#	76
54) Dibenzofuran	15.03	168	315358	19.31	ng/ul	96
55) 2,4-Dinitrotoluene	14.98	165	76963	19.46	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.25	232	66716	19.45	ng/ul#	93
57) Diethylphthalate	15.45	149	264082	17.86	ng/ul	99
59) Fluorene	15.68	166	265967	18.93	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.67	204	124060	18.66	ng/ul	95
61) 4-Nitroaniline	15.69	138	68019	21.79	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.75	198	38066	16.26	ng/ul#	91
65) N-Nitrosodiphenylamine	15.88	169	225140	16.77	ng/ul	96
66) 4-Bromophenyl-phenylether	16.56	248	82005	16.99	ng/ul	91
67) Hexachlorobenzene	16.69	284	89748	17.58	ng/ul	92
68) Atrazine	16.83	200	102869	20.47	ng/ul	97
69) Pentachlorophenol	17.03	266	51916	15.19	ng/ul	99
70) Phenanthrene	17.42	178	445836	18.41	ng/ul	98
72) Anthracene	17.51	178	447945	18.15	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	101880	16.50	ng/uL	94
74) Pentachlorobenzene	14.95	250	100261	17.00	ng/uL	92
75) Carbazole	17.77	167	431705	19.95	ng/ul	97
76) Di-n-butylphthalate	18.33	149	513610	18.17	ng/ul	99
77) Fluoranthene	19.43	202	556924	21.53	ng/ul	97
80) Pyrene	19.78	202	580941	17.57	ng/ul	97
81) Butylbenzylphthalate	20.67	149	214670	15.35	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.53	252	177743	17.50	ng/ul	98
83) Benzo(a)anthracene	21.62	228	534283	17.62	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	323185	16.35	ng/ul	96
85) Chrysene	21.68	228	486313	17.15	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	535659	16.98	ng/ul	100
88) Benzo(b)fluoranthene	23.81	252	535201	17.42	ng/ul	97
89) Benzo(k)fluoranthene	23.88	252	530335	17.93	ng/ul	99
91) Benzo(a)pyrene	24.68	252	515196	17.64	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.46	276	589253	17.43	ng/ul	99
93) Dibenzo(a,h)anthracene	28.52	278	466785	16.63	ng/ul	98
94) Benzo(g,h,i)perylene	29.59	276	490328	17.28	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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