Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112615\
Data File : BG019821.D
Acq On : 26 Nov 2015 12:00
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02018

Quant Time: Nov 26 17:08:08 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 26 00:35:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	12738	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	55352	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	48768	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	144931	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	189344	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	186210	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	2174	7.29	ng/uL	0.00
5) Phenol-d5	7.27	99	24458	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	14169	16.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	16650	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	20601	19.07	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	8595	18.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	10507	20.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	23891	21.60	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.06	131	22827	21.74	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	89713	20.34	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	90760	18.99	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.96	143	13805	19.87	ng/ul	-0.01
58) Fluorene-d10	15.72	176	79318	20.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	17528	18.72	ng/ul	0.00
71) Anthracene-d10	17.57	188	139418	19.81	ng/ul	0.00
79) Pyrene-d10	19.85	212	169707	19.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	193077	19.86	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	2445	7.19	ng/uL#	89
4) Benzaldehyde	7.23	77	18593	19.55	ng/ul	91
6) Phenol	7.30	94	26224	18.61	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.50	93	18354	18.72	ng/ul#	90
10) 2-Chlorophenol	7.66	128	16694	20.42	ng/ul#	85
11) 2-Methylphenol	8.56	108	20690	19.94	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.63	45	10922	12.75	ng/ul#	56
14) Acetophenone	8.93	105	35378	19.82	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.91	70	20460	16.96	ng/ul#	93
16) 4-Methylphenol	8.88	108	21938	18.77	ng/ul	91
17) Hexachloroethane	9.18	117	7248	18.66	ng/ul	96
20) Nitrobenzene	9.31	77	29109	17.78	ng/ul	97
21) Isophorone	9.85	82	58362	18.49	ng/ul#	94
23) 2-Nitrophenol	10.03	139	11425	20.64	ng/ul	96
24) 2,4-Dimethylphenol	10.09	107	27833	18.87	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.32	93	28506	18.24	ng/ul	93
27) 2,4-Dichlorophenol	10.58	162	22229	21.11	ng/ul	93
28) Naphthalene	10.96	128	56755	18.98	ng/ul	98
30) 4-Chloroaniline	11.09	127	23088	21.15	ng/ul	93
31) Hexachlorobutadiene	11.25	225	22625	23.87	ng/ul	89
32) Caprolactam	11.93	113	8782	20.50	ng/ul#	76
33) 4-Chloro-3-methylphenol	12.22	107	29612	20.17	ng/ul	94
34) 2-Methylnaphthalene	12.57	142	48273	20.25	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	46810	19.70 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	39941	20.43 ng/ul	96
38) Hexachlorocyclopentadiene	12.90	237	27040	23.75 ng/ul	91
39) 2,4,6-Trichlorophenol	13.17	196	24747	20.76 ng/ul	99
40) 2,4,5-Trichlorophenol	13.26	196	27917	22.38 ng/ul	92
41) 1,1'-Biphenyl	13.57	154	69805	19.24 ng/ul	98
42) 2-Chloronaphthalene	13.61	162	55042	19.52 ng/ul	92
43) 2-Nitroaniline	13.83	65	19444	16.32 ng/ul#	87
45) Dimethylphthalate	14.18	163	89174	20.39 ng/ul	97
46) 2,6-Dinitrotoluene	14.31	165	17710	20.24 ng/ul	86
48) Acenaphthylene	14.45	152	90841	19.04 ng/ul	95
49) 3-Nitroaniline	14.65	138	15440	21.18 ng/ul	88
50) Acenaphthene	14.80	153	63042	19.30 ng/ul	97
51) 2,4-Dinitrophenol	14.85	184	8509	14.80 ng/ul	93
53) 4-Nitrophenol	14.97	109	17088	20.17 ng/ul	94
54) Dibenzofuran	15.13	168	94359	19.70 ng/ul	99
55) 2,4-Dinitrotoluene	15.09	165	27148	19.95 ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	15.36	232	31623	23.90 ng/ul#	91
57) Diethylphthalate	15.54	149	87591	20.05 ng/ul	99
59) Fluorene	15.78	166	81707	19.51 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.76	204	52684	21.63 ng/ul	92
61) 4-Nitroaniline	15.81	138	18365	20.93 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.86	198	18068	18.17 ng/ul	98
65) N-Nitrosodiphenylamine	15.98	169	73560	18.84 ng/ul	99
66) 4-Bromophenyl-phenylether	16.66	248	38426	22.05 ng/ul	90
67) Hexachlorobenzene	16.78	284	40261	21.91 ng/ul	92
68) Atrazine	16.93	200	37370	20.52 ng/ul	95
69) Pentachlorophenol	17.13	266	23479	22.83 ng/ul	92
70) Phenanthrene	17.52	178	147801	19.06 ng/ul	98
72) Anthracene	17.60	178	152363	19.48 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	40598	20.29 ng/uL	97
74) Pentachlorobenzene	15.04	250	46112	22.09 ng/uL	95
75) Carbazole	17.88	167	125011	19.91 ng/ul	99
76) Di-n-butylphthalate	18.41	149	146075	17.93 ng/ul	99
77) Fluoranthene	19.52	202	204817	20.72 ng/ul#	96
80) Pyrene	19.88	202	214118	19.36 ng/ul#	94
81) Butylbenzylphthalate	20.75	149	65680	18.05 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.63	252	73935	21.35 ng/ul	98
83) Benzo(a)anthracene	21.72	228	221986	19.34 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.60	149	95224	17.85 ng/ul#	97
85) Chrysene	21.79	228	207362	19.19 ng/ul	100
87) Di-n-octyl phthalate	22.82	149	160938	17.80 ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	223135	19.45 ng/ul	97
89) Benzo(k)fluoranthene	24.04	252	215147m	19.44 ng/ul	
91) Benzo(a)pyrene	24.85	252	214398	19.41 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.77	276	244482	19.78 ng/ul#	94
93) Dibenzo(a,h)anthracene	28.81	278	208470	20.52 ng/ul	98
94) Benzo(g,h,i)perylene	29.94	276	206873	20.17 ng/ul#	95

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

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