Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112615\
Data File : BG019824.D
Acq On : 26 Nov 2015 18:27
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02019

Quant Time: Nov 26 19:08:12 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	8.08	152	12475	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	51362	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	44724	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	134833	20.00	ng/ul	-0.01
78) Chrysene-d12	21.73	240	187600	20.00	ng/ul	-0.01
86) Perylene-d12	25.01	264	186055	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	1929	6.60	ng/uL	0.00
5) Phenol-d5	7.26	99	22342	17.49	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.41	67	12821	15.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	15056	18.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	18293	17.29	ng/ul	-0.01
19) Nitrobenzene-d5	9.27	128	7752	18.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	9553	20.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	21843	21.28	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.06	131	21048	21.61	ng/ul	-0.01
44) Dimethylphthalate-d6	14.14	166	81470	20.14	ng/ul	-0.01
47) Acenaphthylene-d8	14.42	160	81505	18.59	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.96	143	11825	18.56	ng/ul	-0.01
58) Fluorene-d10	15.72	176	73683	20.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	15747	18.08	ng/ul	0.00
71) Anthracene-d10	17.57	188	129643	19.80	ng/ul	0.00
79) Pyrene-d10	19.85	212	165102	19.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	190872	19.65	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	2271	6.82	ng/uL#	79
4) Benzaldehyde	7.22	77	17294	18.57	ng/ul#	87
6) Phenol	7.29	94	24078	17.45	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.50	93	17812	18.55	ng/ul#	80
10) 2-Chlorophenol	7.66	128	16813	21.00	ng/ul#	79
11) 2-Methylphenol	8.55	108	18054	17.77	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.62	45	10077	12.01	ng/ul#	76
14) Acetophenone	8.92	105	32767	18.74	ng/ul	83
15) N-Nitroso-di-n-propylamine	8.91	70	18711	15.84	ng/ul#	94
16) 4-Methylphenol	8.88	108	20437	17.85	ng/ul	92
17) Hexachloroethane	9.18	117	7733	20.32	ng/ul	94
20) Nitrobenzene	9.31	77	27471	18.09	ng/ul	95
21) Isophorone	9.85	82	50772	17.33	ng/ul#	92
23) 2-Nitrophenol	10.03	139	11148	21.70	ng/ul#	85
24) 2,4-Dimethylphenol	10.09	107	26460	19.33	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.32	93	25766	17.77	ng/ul#	89
27) 2,4-Dichlorophenol	10.58	162	19399	19.85	ng/ul	93
28) Naphthalene	10.96	128	53295	19.21	ng/ul	98
30) 4-Chloroaniline	11.08	127	22809	22.51	ng/ul	99
31) Hexachlorobutadiene	11.24	225	20572	23.39	ng/ul	98
32) Caprolactam	11.91	113	7621m	19.17	ng/ul	
33) 4-Chloro-3-methylphenol	12.21	107	25651	18.83	ng/ul	95
34) 2-Methylnaphthalene	12.56	142	42862	19.37	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	42802	19.42	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	37314	20.81	ng/ul#	94
38) Hexachlorocyclopentadiene	12.90	237	21569	20.66	ng/ul#	85
39) 2,4,6-Trichlorophenol	13.17	196	22451	20.53	ng/ul#	90
40) 2,4,5-Trichlorophenol	13.25	196	25565	22.34	ng/ul	90
41) 1,1'-Biphenyl	13.56	154	65408	19.66	ng/ul	98
42) 2-Chloronaphthalene	13.61	162	50949	19.71	ng/ul	97
43) 2-Nitroaniline	13.82	65	17853	16.34	ng/ul#	86
45) Dimethylphthalate	14.18	163	82448	20.56	ng/ul	99
46) 2,6-Dinitrotoluene	14.31	165	16952	21.13	ng/ul	87
48) Acenaphthylene	14.45	152	82464	18.85	ng/ul	96
49) 3-Nitroaniline	14.64	138	13014	19.47	ng/ul#	98
50) Acenaphthene	14.79	153	57904	19.33	ng/ul	92
51) 2,4-Dinitrophenol	14.85	184	8734	16.56	ng/ul#	77
53) 4-Nitrophenol	14.97	109	15916	20.49	ng/ul#	84
54) Dibenzofuran	15.13	168	87769	19.98	ng/ul	96
55) 2,4-Dinitrotoluene	15.09	165	25839	20.71	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.36	232	28472	23.47	ng/ul	93
57) Diethylphthalate	15.53	149	81346	20.30	ng/ul	97
59) Fluorene	15.77	166	74952	19.52	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	46584	20.86	ng/ul	93
61) 4-Nitroaniline	15.80	138	16383	20.36	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.86	198	18040	19.50	ng/ul#	88
65) N-Nitrosodiphenylamine	15.97	169	67804	18.67	ng/ul	99
66) 4-Bromophenyl-phenylether	16.65	248	34240	21.12	ng/ul	96
67) Hexachlorobenzene	16.77	284	37634	22.01	ng/ul	94
68) Atrazine	16.93	200	36124	21.32	ng/ul	94
69) Pentachlorophenol	17.13	266	19535	20.42	ng/ul	92
70) Phenanthrene	17.51	178	141355	19.59	ng/ul	98
72) Anthracene	17.60	178	142770	19.62	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	39730	21.34	ng/uL	98
74) Pentachlorobenzene	15.04	250	42126	21.69	ng/uL	97
75) Carbazole	17.88	167	115243	19.73	ng/ul	99
76) Di-n-butylphthalate	18.41	149	139885	18.46	ng/ul	99
77) Fluoranthene	19.51	202	197996	21.53	ng/ul#	98
80) Pyrene	19.88	202	208442	19.02	ng/ul#	92
81) Butylbenzylphthalate	20.75	149	64269	17.83	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.63	252	74748	21.78	ng/ul	97
83) Benzo(a)anthracene	21.72	228	220598	19.40	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	89198	16.88	ng/ul#	95
85) Chrysene	21.78	228	209428	19.56	ng/ul	97
87) Di-n-octyl phthalate	22.81	149	156634	17.34	ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	221419	19.31	ng/ul	96
89) Benzo(k)fluoranthene	24.03	252	212063m	19.17	ng/ul	
91) Benzo(a)pyrene	24.85	252	212565	19.26	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.75	276	244921	19.83	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.81	278	205827	20.27	ng/ul	99
94) Benzo(g,h,i)perylene	29.93	276	206613m	20.16	ng/ul	

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

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