Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG111315\
Data File : BG019606.D
Acq On : 14 Nov 2015 00:07
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02017

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11/16/2015 3:26:15 PM

Quant Time: Nov 16 08:20:37 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 03:12:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	35643	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	147093	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	116712	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	320175	20.00	ng/ul	0.00
78) Chrysene-d12	21.81	240	392205	20.00	ng/ul	0.00
86) Perylene-d12	25.14	264	375634	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	5222	7.02	ng/uL	0.00
5) Phenol-d5	7.30	99	63462	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	42808	20.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	38801	19.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	51760	19.86	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	20908	19.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	25088	19.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	51982	18.67	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	60159	21.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	174599	18.14	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	196545	18.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	30188	19.75	ng/ul	0.00
58) Fluorene-d10	15.78	176	163178	18.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	35287	17.03	ng/ul	0.00
71) Anthracene-d10	17.63	188	269410	18.46	ng/ul	0.00
79) Pyrene-d10	19.91	212	310805	18.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.91	264	337712	17.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	6662	7.86	ng/uL#	84
4) Benzaldehyde	7.29	77	47029	22.10	ng/ul	97
6) Phenol	7.33	94	71178	20.42	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.57	93	49771	20.79	ng/ul	95
10) 2-Chlorophenol	7.72	128	40162	19.10	ng/ul	91
11) 2-Methylphenol	8.60	108	50837	19.72	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.69	45	43862	22.85	ng/ul	94
14) Acetophenone	8.98	105	85705	19.59	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.97	70	54492	19.00	ng/ul#	89
16) 4-Methylphenol	8.93	108	54705	19.43	ng/ul	95
17) Hexachloroethane	9.26	117	18734	17.06	ng/ul	94
20) Nitrobenzene	9.38	77	78352	18.54	ng/ul	98
21) Isophorone	9.90	82	144542	18.88	ng/ul	98
23) 2-Nitrophenol	10.09	139	25987	17.83	ng/ul#	85
24) 2,4-Dimethylphenol	10.14	107	69672	18.30	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.38	93	72426	19.98	ng/ul	99
27) 2,4-Dichlorophenol	10.63	162	48969	18.41	ng/ul#	93
28) Naphthalene	11.04	128	141254	19.19	ng/ul#	95
30) 4-Chloroaniline	11.14	127	59519	20.16	ng/ul	91
31) Hexachlorobutadiene	11.32	225	44833	16.49	ng/ul	93
32) Caprolactam	11.89	113	19529m	20.48	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	67258	18.83	ng/ul#	97
34) 2-Methylnaphthalene	12.63	142	110902	18.75	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.85	142	106095	18.96	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	13.00	216	82984	17.25	ng/ul	98
38) Hexachlorocyclopentadiene	12.97	237	50902	14.26	ng/ul#	95
39) 2,4,6-Trichlorophenol	13.23	196	51489	18.11	ng/ul	94
40) 2,4,5-Trichlorophenol	13.30	196	55348	17.74	ng/ul	97
41) 1,1'-Biphenyl	13.63	154	156325	18.95	ng/ul#	95
42) 2-Chloronaphthalene	13.67	162	117965	18.33	ng/ul	96
43) 2-Nitroaniline	13.87	65	51555	18.73	ng/ul	95
45) Dimethylphthalate	14.24	163	178649	18.15	ng/ul	98
46) 2,6-Dinitrotoluene	14.36	165	37097	18.62	ng/ul	96
48) Acenaphthylene	14.52	152	200883	18.40	ng/ul	97
49) 3-Nitroaniline	14.69	138	34290	20.00	ng/ul	93
50) Acenaphthene	14.86	153	137949	18.71	ng/ul	94
51) 2,4-Dinitrophenol	14.90	184	22486	15.01	ng/ul	91
53) 4-Nitrophenol	15.00	109	37083	15.56	ng/ul#	65
54) Dibenzofuran	15.19	168	200046	18.42	ng/ul	98
55) 2,4-Dinitrotoluene	15.14	165	57465	18.27	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.41	232	56229	17.23	ng/ul#	96
57) Diethylphthalate	15.59	149	175367	18.05	ng/ul	98
59) Fluorene	15.84	166	170185	17.97	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.82	204	99767	17.72	ng/ul	99
61) 4-Nitroaniline	15.85	138	36982	18.77	ng/ul#	83
64) 4,6-Dinitro-2-methylphenol	15.91	198	37803	16.87	ng/ul#	95
65) N-Nitrosodiphenylamine	16.04	169	152986	18.47	ng/ul	95
66) 4-Bromophenyl-phenylether	16.72	248	68480	18.00	ng/ul	98
67) Hexachlorobenzene	16.84	284	71195	17.63	ng/ul	97
68) Atrazine	16.98	200	73921	18.01	ng/ul	97
69) Pentachlorophenol	17.18	266	38061	15.97	ng/ul#	88
70) Phenanthrene	17.57	178	299739	18.55	ng/ul	97
72) Anthracene	17.67	178	301214	18.29	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.60	216	83193	17.93	ng/uL	95
74) Pentachlorobenzene	15.11	250	82048	17.54	ng/uL	99
75) Carbazole	17.93	167	253273	19.27	ng/ul	97
76) Di-n-butylphthalate	18.47	149	306900	18.84	ng/ul	98
77) Fluoranthene	19.57	202	392899	18.78	ng/ul#	93
80) Pyrene	19.94	202	409246	18.59	ng/ul#	90
81) Butylbenzylphthalate	20.80	149	137853	19.27	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.69	252	142056	18.49	ng/ul#	96
83) Benzo(a)anthracene	21.79	228	413665	18.11	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.67	149	198171	19.50	ng/ul#	96
85) Chrysene	21.86	228	392215	18.31	ng/ul	98
87) Di-n-octyl phthalate	22.92	149	343357	20.19	ng/ul	100
88) Benzo(b)fluoranthene	24.07	252	399636	18.04	ng/ul#	95
89) Benzo(k)fluoranthene	24.14	252	388933	18.24	ng/ul#	97
91) Benzo(a)pyrene	24.98	252	381944	17.95	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.96	276	427534	17.83	ng/ul#	95
93) Dibenzo(a,h)anthracene	29.02	278	358435	17.91	ng/ul	95
94) Benzo(g,h,i)perylene	30.15	276	352573	19.37	ng/ul#	90

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

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