Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111515\
Data File : BG019622.D
Acq On : 15 Nov 2015 19:39
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02019

Manual Integrations APPROVED
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11/16/2015 3:28:20 PM

Quant Time: Nov 16 03:11:52 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 02:26:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	38489	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	156601	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	122007	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	341599	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	426110	20.00	ng/ul	0.00
86) Perylene-d12	25.13	264	398695	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	6217	7.74	ng/uL	0.00
5) Phenol-d5	7.30	99	65678	18.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	44378	19.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	41599	18.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	53738	19.10	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	21623	18.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	24054	17.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	54546	18.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	62947	20.99	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	185631	18.45	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	205645	18.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	29447	18.43	ng/ul	0.00
58) Fluorene-d10	15.78	176	169562	18.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	36485	16.50	ng/ul	0.00
71) Anthracene-d10	17.63	188	280853	18.04	ng/ul	0.00
79) Pyrene-d10	19.91	212	340125	18.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.90	264	370719	18.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	7625	8.33	ng/uL#	78
4) Benzaldehyde	7.29	77	50967	22.18	ng/ul	96
6) Phenol	7.33	94	72300	19.21	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.57	93	50737	19.62	ng/ul	96
10) 2-Chlorophenol	7.71	128	43655	19.23	ng/ul	93
11) 2-Methylphenol	8.60	108	52036	18.69	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.69	45	44376	21.41	ng/ul	97
14) Acetophenone	8.98	105	88365	18.71	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.97	70	57240	18.48	ng/ul#	86
16) 4-Methylphenol	8.92	108	59315	19.51	ng/ul	97
17) Hexachloroethane	9.25	117	20732	17.48	ng/ul	86
20) Nitrobenzene	9.37	77	82175	18.26	ng/ul	98
21) Isophorone	9.89	82	151680	18.61	ng/ul	98
23) 2-Nitrophenol	10.09	139	27510	17.73	ng/ul#	84
24) 2,4-Dimethylphenol	10.14	107	72885	17.98	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.38	93	74437	19.29	ng/ul	98
27) 2,4-Dichlorophenol	10.63	162	51957	18.34	ng/ul#	92
28) Naphthalene	11.04	128	145819	18.61	ng/ul#	94
30) 4-Chloroaniline	11.14	127	64055	20.38	ng/ul	97
31) Hexachlorobutadiene	11.32	225	48883	16.89	ng/ul	98
32) Caprolactam	11.89	113	19634m	19.34	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	69806	18.36	ng/ul#	90
34) 2-Methylnaphthalene	12.63	142	115024	18.27	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.85	142	111214	18.67	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	89591	17.82	ng/ul#	95
38) Hexachlorocyclopentadiene	12.97	237	49379	13.23	ng/ul	100
39) 2,4,6-Trichlorophenol	13.23	196	52204	17.56	ng/ul	93
40) 2,4,5-Trichlorophenol	13.30	196	58194	17.84	ng/ul	99
41) 1,1'-Biphenyl	13.62	154	160156	18.57	ng/ul#	95
42) 2-Chloronaphthalene	13.67	162	123647	18.38	ng/ul	98
43) 2-Nitroaniline	13.87	65	52547	18.26	ng/ul	97
45) Dimethylphthalate	14.24	163	187213	18.20	ng/ul	97
46) 2,6-Dinitrotoluene	14.36	165	38497	18.49	ng/ul	86
48) Acenaphthylene	14.52	152	216913	19.00	ng/ul	100
49) 3-Nitroaniline	14.69	138	35222	19.65	ng/ul	86
50) Acenaphthene	14.85	153	144560	18.76	ng/ul	98
51) 2,4-Dinitrophenol	14.89	184	21292	13.60	ng/ul#	90
53) 4-Nitrophenol	14.99	109	38948	15.63	ng/ul#	66
54) Dibenzofuran	15.19	168	210596	18.55	ng/ul	99
55) 2,4-Dinitrotoluene	15.14	165	60343	18.35	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.41	232	59927	17.57	ng/ul#	98
57) Diethylphthalate	15.59	149	182185	17.94	ng/ul	98
59) Fluorene	15.83	166	179511	18.13	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.82	204	102643	17.44	ng/ul	96
61) 4-Nitroaniline	15.85	138	38283	18.59	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.91	198	39752	16.62	ng/ul#	95
65) N-Nitrosodiphenylamine	16.03	169	162363	18.38	ng/ul	97
66) 4-Bromophenyl-phenylether	16.72	248	72178	17.78	ng/ul	98
67) Hexachlorobenzene	16.83	284	74496	17.29	ng/ul	96
68) Atrazine	16.97	200	78280	17.87	ng/ul	97
69) Pentachlorophenol	17.18	266	43165	16.97	ng/ul	94
70) Phenanthrene	17.57	178	317128	18.39	ng/ul	99
72) Anthracene	17.66	178	320971	18.27	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.60	216	89548	18.09	ng/uL	96
74) Pentachlorobenzene	15.11	250	89282	17.89	ng/uL	98
75) Carbazole	17.93	167	271651	19.37	ng/ul	98
76) Di-n-butylphthalate	18.47	149	320484	18.44	ng/ul	98
77) Fluoranthene	19.57	202	425346	19.06	ng/ul#	93
80) Pyrene	19.93	202	431023	18.03	ng/ul#	91
81) Butylbenzylphthalate	20.80	149	146695	18.88	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.69	252	151533	18.15	ng/ul	93
83) Benzo(a)anthracene	21.79	228	454322	18.31	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.67	149	211823	19.18	ng/ul#	96
85) Chrysene	21.85	228	416330	17.89	ng/ul	98
87) Di-n-octyl phthalate	22.91	149	364632	20.20	ng/ul	100
88) Benzo(b)fluoranthene	24.07	252	430932	18.33	ng/ul#	98
89) Benzo(k)fluoranthene	24.14	252	424950	18.78	ng/ul#	99
91) Benzo(a)pyrene	24.98	252	423471	18.75	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.94	276	471609	18.53	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.00	278	390497	18.38	ng/ul#	97
94) Benzo(g,h,i)perylene	30.13	276	395994	20.50	ng/ul#	91

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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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