Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019659.D
Acq On : 17 Nov 2015 9:19
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02029

Manual Integrations APPROVED
mohammad
11/19/2015 8:26:41 AM

Quant Time: Nov 18 00:32:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 01:14:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	18675	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	82031	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	70508	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	201925	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	271407	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	257315	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	3316	7.58	ng/uL	0.00
5) Phenol-d5	7.29	99	37238	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	25572	20.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	24432	19.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	30534	19.28	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	12620	18.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	13850	18.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	32158	19.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	33401	21.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	119757	18.78	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	129709	18.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	19940	19.85	ng/ul	0.00
58) Fluorene-d10	15.77	176	107040	18.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	23741	18.20	ng/ul	0.00
71) Anthracene-d10	17.62	188	191009	19.48	ng/ul	0.00
79) Pyrene-d10	19.90	212	243762	19.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.87	264	260711	19.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	4578	9.19	ng/uL	92
4) Benzaldehyde	7.28	77	30698	22.02	ng/ul	96
6) Phenol	7.32	94	42249	20.45	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.55	93	28811	20.04	ng/ul	98
10) 2-Chlorophenol	7.70	128	22982	19.17	ng/ul	93
11) 2-Methylphenol	8.59	108	29298	19.26	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.68	45	24484	19.50	ng/ul	94
14) Acetophenone	8.97	105	53032	20.26	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.95	70	33252	18.81	ng/ul	99
16) 4-Methylphenol	8.92	108	33431	19.51	ng/ul	100
17) Hexachloroethane	9.24	117	11199	19.66	ng/ul	96
20) Nitrobenzene	9.37	77	46468	19.16	ng/ul#	98
21) Isophorone	9.88	82	89834	19.20	ng/ul	97
23) 2-Nitrophenol	10.08	139	15553	18.96	ng/ul	95
24) 2,4-Dimethylphenol	10.13	107	44106	20.18	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.37	93	43477	18.77	ng/ul	92
27) 2,4-Dichlorophenol	10.62	162	29594	18.96	ng/ul	87
28) Naphthalene	11.03	128	84697	19.12	ng/ul	98
30) 4-Chloroaniline	11.13	127	34347	21.23	ng/ul	94
31) Hexachlorobutadiene	11.31	225	28046	19.96	ng/ul	92
32) Caprolactam	11.88	113	12085	19.03	ng/ul	89
33) 4-Chloro-3-methylphenol	12.24	107	42195	19.39	ng/ul	100
34) 2-Methylnaphthalene	12.62	142	69389	19.64	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	68024	19.32	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	53256	18.84	ng/ul#	95
38) Hexachlorocyclopentadiene	12.96	237	29441	17.88	ng/ul#	89
39) 2,4,6-Trichlorophenol	13.22	196	31495	18.27	ng/ul	97
40) 2,4,5-Trichlorophenol	13.29	196	36005	19.96	ng/ul	97
41) 1,1'-Biphenyl	13.62	154	99230	18.92	ng/ul	97
42) 2-Chloronaphthalene	13.66	162	75328	18.48	ng/ul	97
43) 2-Nitroaniline	13.86	65	32253	18.73	ng/ul	97
45) Dimethylphthalate	14.23	163	121595	19.23	ng/ul	100
46) 2,6-Dinitrotoluene	14.35	165	24679	19.51	ng/ul	97
48) Acenaphthylene	14.51	152	130759	18.96	ng/ul	98
49) 3-Nitroaniline	14.68	138	21816	20.70	ng/ul	93
50) Acenaphthene	14.85	153	90046	19.06	ng/ul	95
51) 2,4-Dinitrophenol	14.88	184	14092	16.95	ng/ul	92
53) 4-Nitrophenol	14.98	109	24672	20.15	ng/ul	95
54) Dibenzofuran	15.18	168	133754	19.32	ng/ul	98
55) 2,4-Dinitrotoluene	15.14	165	38173	19.40	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.40	232	36511	19.09	ng/ul	97
57) Diethylphthalate	15.58	149	123975	19.62	ng/ul	99
59) Fluorene	15.82	166	114519	18.92	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.81	204	66482	18.88	ng/ul	94
61) 4-Nitroaniline	15.84	138	26821	21.14	ng/ul#	93
64) 4,6-Dinitro-2-methylphenol	15.90	198	25409	18.34	ng/ul	98
65) N-Nitrosodiphenylamine	16.02	169	104423	19.20	ng/ul	99
66) 4-Bromophenyl-phenylether	16.71	248	45486	18.73	ng/ul	96
67) Hexachlorobenzene	16.83	284	48785	19.05	ng/ul	97
68) Atrazine	16.96	200	50611	19.94	ng/ul#	95
69) Pentachlorophenol	17.17	266	26782	18.69	ng/ul	94
70) Phenanthrene	17.56	178	212244	19.64	ng/ul	99
72) Anthracene	17.65	178	213179	19.56	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	54377	19.50	ng/uL	96
74) Pentachlorobenzene	15.10	250	56588	19.46	ng/uL	97
75) Carbazole	17.92	167	181186	20.71	ng/ul	97
76) Di-n-butylphthalate	18.46	149	220038	19.39	ng/ul	97
77) Fluoranthene	19.56	202	293856	21.34	ng/ul	99
80) Pyrene	19.93	202	308143	19.44	ng/ul#	97
81) Butylbenzylphthalate	20.79	149	102990	19.75	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.68	252	105270	21.21	ng/ul	99
83) Benzo(a)anthracene	21.77	228	315518	19.18	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	146824	19.20	ng/ul	98
85) Chrysene	21.84	228	296222	19.13	ng/ul	97
87) Di-n-octyl phthalate	22.89	149	255790	20.47	ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	296003m	18.67	ng/ul	
89) Benzo(k)fluoranthene	24.12	252	304047	19.88	ng/ul	100
91) Benzo(a)pyrene	24.95	252	296469	19.42	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.90	276	327606	19.18	ng/ul	92
93) Dibenzo(a,h)anthracene	28.96	278	271202	19.31	ng/ul#	96
94) Benzo(g,h,i)perylene	30.10	276	274421m	19.36	ng/ul	

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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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