Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020758.D
Acq On : 15 Jan 2016 18:39
Operator : SJ/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02031

Manual Integrations APPROVED
Sohil
1/16/2016 3:03:41 AM

Quant Time: Jan 16 00:49:36 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	15795	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	66277	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	47332	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	124718	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	149108	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	137349	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	2354	7.28	ng/uL	0.00
5) Phenol-d5	7.20	99	27569	20.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	16906	20.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	22796	21.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	22858	20.02	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	11418	21.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	13326	21.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	24878	21.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	24971	21.81	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	78482	19.00	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	95726	20.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	11270	20.32	ng/ul	0.00
58) Fluorene-d10	15.68	176	75243	20.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	12953	19.10	ng/ul	0.00
71) Anthracene-d10	17.53	188	125806	20.58	ng/ul	0.00
79) Pyrene-d10	19.81	212	145268	20.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	156693	21.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	3073	7.87	ng/uL#	87
4) Benzaldehyde	7.18	77	19655	21.22	ng/ul	93
6) Phenol	7.23	94	30153	20.71	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.46	93	21488	20.06	ng/ul	95
10) 2-Chlorophenol	7.61	128	23404	21.02	ng/ul	98
11) 2-Methylphenol	8.49	108	22368	19.96	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.57	45	28918	20.84	ng/ul	97
14) Acetophenone	8.87	105	38469	20.42	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.85	70	19151	20.05	ng/ul	96
16) 4-Methylphenol	8.82	108	24713	19.89	ng/ul	97
17) Hexachloroethane	9.13	117	9375	19.82	ng/ul	95
20) Nitrobenzene	9.25	77	29993	22.06	ng/ul	99
21) Isophorone	9.78	82	52564	19.77	ng/ul	98
23) 2-Nitrophenol	9.97	139	14278	21.18	ng/ul	96
24) 2,4-Dimethylphenol	10.02	107	29746	21.00	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.26	93	29538	19.84	ng/ul#	96
27) 2,4-Dichlorophenol	10.51	162	26306	21.43	ng/ul	98
28) Naphthalene	10.91	128	78909	21.07	ng/ul	97
30) 4-Chloroaniline	11.02	127	26299	21.38	ng/ul	98
31) Hexachlorobutadiene	11.19	225	21406	20.53	ng/ul	99
32) Caprolactam	11.78	113	7864m	18.78	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	28244	21.31	ng/ul	99
34) 2-Methylnaphthalene	12.51	142	57695	20.65	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	55247	20.96	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	41259	21.32	ng/ul	97
38) Hexachlorocyclopentadiene	12.85	237	490	1.18	ng/ul#	92
39) 2,4,6-Trichlorophenol	13.12	196	22259	21.08	ng/ul	99
40) 2,4,5-Trichlorophenol	13.20	196	26030m	22.46	ng/ul	
41) 1,1'-Biphenyl	13.51	154	79739	21.06	ng/ul	98
42) 2-Chloronaphthalene	13.56	162	64558	20.93	ng/ul	97
43) 2-Nitroaniline	13.77	65	19368	21.83	ng/ul	98
45) Dimethylphthalate	14.13	163	84730	19.09	ng/ul	97
46) 2,6-Dinitrotoluene	14.26	165	18288	21.04	ng/ul	98
48) Acenaphthylene	14.41	152	102971	21.03	ng/ul	98
49) 3-Nitroaniline	14.59	138	17057	22.15	ng/ul	94
50) Acenaphthene	14.75	153	68892	20.39	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	4509	19.99	ng/ul	92
53) 4-Nitrophenol	14.91	109	10467	20.44	ng/ul	96
54) Dibenzofuran	15.08	168	105146	20.68	ng/ul	99
55) 2,4-Dinitrotoluene	15.05	165	27023	20.67	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.31	232	21229m	20.57	ng/ul	
57) Diethylphthalate	15.49	149	85544	18.99	ng/ul	98
59) Fluorene	15.73	166	85466	20.60	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.72	204	48451	20.11	ng/ul	97
61) 4-Nitroaniline	15.76	138	19745	22.14	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.82	198	14320	19.63	ng/ul	99
65) N-Nitrosodiphenylamine	15.93	169	76398	21.15	ng/ul	97
66) 4-Bromophenyl-phenylether	16.61	248	32731	20.75	ng/ul	97
67) Hexachlorobenzene	16.74	284	34899	19.97	ng/ul	95
68) Atrazine	16.87	200	32753	20.44	ng/ul	97
69) Pentachlorophenol	17.09	266	10920m	22.88	ng/ul	
70) Phenanthrene	17.47	178	151711	20.44	ng/ul	99
72) Anthracene	17.56	178	156128	20.84	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	38434	21.42	ng/uL	97
74) Pentachlorobenzene	15.00	250	40093	21.46	ng/uL	99
75) Carbazole	17.83	167	130766	21.30	ng/ul	99
76) Di-n-butylphthalate	18.37	149	154200	20.53	ng/ul	99
77) Fluoranthene	19.48	202	192774	21.37	ng/ul	98
80) Pyrene	19.84	202	197582	20.90	ng/ul	99
81) Butylbenzylphthalate	20.71	149	69656	21.92	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.59	252	65431	22.24	ng/ul	97
83) Benzo(a)anthracene	21.69	228	196797	21.16	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	98222	20.96	ng/ul	99
85) Chrysene	21.75	228	184087	20.93	ng/ul	99
87) Di-n-octyl phthalate	22.77	149	168447	21.65	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	188551	21.31	ng/ul	100
89) Benzo(k)fluoranthene	23.98	252	183164	20.96	ng/ul	99
91) Benzo(a)pyrene	24.81	252	177567	20.86	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.68	276	208100	20.71	ng/ul	99
93) Dibenzo(a,h)anthracene	28.73	278	175166	21.17	ng/ul	99
94) Benzo(g,h,i)perylene	29.85	276	161567	19.49	ng/ul	98

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

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