Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021017\
Data File : BG025837.D
Acq On : 10 Feb 2017 21:28
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02012

Manual Integrations APPROVED
mohammad
2/13/2017 8:53:36 AM

Quant Time: Feb 10 23:16:21 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG021017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 10 22:04:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	82056	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	404772	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	304912	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	658128	20.00	ng/ul	0.00
77) Chrysene-d12	21.68	240	670462	20.00	ng/ul	0.00
85) Perylene-d12	24.88	264	661484	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	14822	8.07	ng/uL	0.00
5) Phenol-d5	7.23	99	153986	19.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	93311	19.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	119275	20.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	125468	19.61	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	56160	21.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	63232	22.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	125688	20.96	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	166554	21.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	462891	20.71	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	532335	20.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	89914	21.06	ng/ul	0.00
57) Fluorene-d10	15.68	176	407283	20.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	68645	20.44	ng/ul	0.00
70) Anthracene-d10	17.52	188	625267	20.94	ng/ul	0.00
78) Pyrene-d10	19.80	212	679752	21.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.67	264	607348	20.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	16529	8.55	ng/uL#	72
4) Benzaldehyde	7.22	77	99776	21.11	ng/ul	97
6) Phenol	7.26	94	160441	19.86	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.50	93	122501	20.39	ng/ul#	80
10) 2-Chlorophenol	7.65	128	116541	20.40	ng/ul#	90
11) 2-Methylphenol	8.51	108	122108	19.71	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.63	45	167001	19.77	ng/ul#	88
14) Acetophenone	8.90	105	198652	20.55	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.89	70	99095	20.47	ng/ul#	91
16) 4-Methylphenol	8.84	108	136729	19.72	ng/ul	97
17) Hexachloroethane	9.18	117	40839	19.87	ng/ul	99
20) Nitrobenzene	9.28	77	130021	21.18	ng/ul	98
21) Isophorone	9.81	82	289309	21.00	ng/ul#	98
23) 2-Nitrophenol	10.00	139	68563	22.59	ng/ul#	92
24) 2,4-Dimethylphenol	10.05	107	148224	21.61	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.29	93	175956	20.77	ng/ul	98
27) 2,4-Dichlorophenol	10.53	162	122438	20.80	ng/ul	98
28) Naphthalene	10.94	128	418294	20.98	ng/ul	100
30) 4-Chloroaniline	11.04	127	164047	22.19	ng/ul	99
31) Hexachlorobutadiene	11.24	225	69585	20.66	ng/ul	97
32) Caprolactam	11.79	113	43260m	18.18	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	145852	21.38	ng/ul	91
34) 2-Methylnaphthalene	12.53	142	329824	21.05	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.90	216	151751	20.41	ng/ul	98
37) Hexachlorocyclopentadiene	12.89	237	86911	19.99	ng/ul	94
38) 2,4,6-Trichlorophenol	13.13	196	100422	20.65	ng/ul	94
39) 2,4,5-Trichlorophenol	13.20	196	110122	20.40	ng/ul	99
40) 1,1'-Biphenyl	13.53	154	443083	20.33	ng/ul	99
41) 2-Chloronaphthalene	13.57	162	320327	20.27	ng/ul	95
42) 2-Nitroaniline	13.76	65	96059	21.93	ng/ul	85
44) Dimethylphthalate	14.14	163	447080	20.71	ng/ul	98
45) 2,6-Dinitrotoluene	14.26	165	85005	22.65	ng/ul	96
47) Acenaphthylene	14.41	152	542904	20.67	ng/ul	97
48) 3-Nitroaniline	14.58	138	94696	22.30	ng/ul	98
49) Acenaphthene	14.75	153	377943	20.22	ng/ul	100
50) 2,4-Dinitrophenol	14.78	184	43636	20.47	ng/ul#	81
52) 4-Nitrophenol	14.87	109	54571	21.45	ng/ul#	65
53) Dibenzofuran	15.09	168	535897	20.31	ng/ul	91
54) 2,4-Dinitrotoluene	15.04	165	125955	22.94	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.31	232	105709	21.05	ng/ul	96
56) Diethylphthalate	15.50	149	466277	20.81	ng/ul	98
58) Fluorene	15.73	166	454266	20.66	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.72	204	207725	20.31	ng/ul	89
60) 4-Nitroaniline	15.73	138	110179	21.93	ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	15.79	198	75529	20.98	ng/ul#	89
64) N-Nitrosodiphenylamine	15.93	169	398513	20.96	ng/ul	96
65) 4-Bromophenyl-phenylether	16.61	248	136295	20.84	ng/ul#	90
66) Hexachlorobenzene	16.73	284	142930	20.66	ng/ul	94
67) Atrazine	16.87	200	144465	21.05	ng/ul	98
68) Pentachlorophenol	17.07	266	89441	20.48	ng/ul	98
69) Phenanthrene	17.46	178	742867	20.97	ng/ul	99
71) Anthracene	17.56	178	753282	21.19	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.50	216	147145	20.44	ng/uL	99
73) Pentachlorobenzene	15.01	250	156068	20.66	ng/uL	96
74) Carbazole	17.82	167	713861	22.31	ng/ul	96
75) Di-n-butylphthalate	18.38	149	789273	21.58	ng/ul	99
76) Fluoranthene	19.46	202	831688	22.61	ng/ul#	95
79) Pyrene	19.82	202	848795	21.00	ng/ul#	94
80) Butylbenzylphthalate	20.71	149	321310	21.49	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.56	252	263588	21.84	ng/ul	100
82) Benzo(a)anthracene	21.65	228	786559	20.86	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	482679	21.65	ng/ul	96
84) Chrysene	21.72	228	750723	20.87	ng/ul	100
86) Di-n-octyl phthalate	22.79	149	806460	20.96	ng/ul	99
87) Benzo(b)fluoranthene	23.87	252	775036	20.16	ng/ul	99
88) Benzo(k)fluoranthene	23.93	252	772640	20.87	ng/ul	98
90) Benzo(a)pyrene	24.74	252	762148	20.71	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.54	276	889028	20.46	ng/ul	93
92) Dibenzo(a,h)anthracene	28.60	278	737873	20.54	ng/ul	96
93) Benzo(g,h,i)perylene	29.68	276	739811	20.53	ng/ul	100

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

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