Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032417\
Data File : BG026413.D
Acq On : 24 Mar 2017 13:57
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02035

Manual Integrations APPROVED
mohammad
3/24/2017 5:17:03 PM

Quant Time: Mar 24 15:13:02 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 15:07:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	194379	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	809778	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	469966	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1094822	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1259276	20.00	ng/ul	0.00
85) Perylene-d12	24.81	264	1242306	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	32487	7.19	ng/uL	0.00
5) Phenol-d5	7.21	99	308579	21.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	171071	18.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	271801	23.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	246107	21.79	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	125749	21.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	147685	30.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	264446	24.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	319858	21.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	756605	24.75	ng/ul	0.00
46) Acenaphthylene-d8	14.35	160	936171	22.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	149181	24.78	ng/ul	0.00
57) Fluorene-d10	15.63	176	688203	22.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	151990	29.59	ng/ul	0.00
70) Anthracene-d10	17.48	188	1039340	20.92	ng/ul	0.00
78) Pyrene-d10	19.76	212	1189238	22.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1171773	21.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	35738	7.10	ng/uL#	87
4) Benzaldehyde	7.18	77	189180	20.53	ng/ul	92
6) Phenol	7.23	94	316131	21.12	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.46	93	243730	20.06	ng/ul	94
10) 2-Chlorophenol	7.61	128	261097	22.86	ng/ul	97
11) 2-Methylphenol	8.48	108	239321	20.98	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.58	45	227094	16.04	ng/ul	100
14) Acetophenone	8.86	105	366991	19.82	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.84	70	166427	19.06	ng/ul	93
16) 4-Methylphenol	8.81	108	260745	21.08	ng/ul	97
17) Hexachloroethane	9.13	117	96739	20.42	ng/ul#	81
20) Nitrobenzene	9.24	77	237708	19.18	ng/ul	92
21) Isophorone	9.76	82	479490	20.49	ng/ul	96
23) 2-Nitrophenol	9.96	139	151654	29.69	ng/ul#	85
24) 2,4-Dimethylphenol	10.01	107	253717	22.08	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.24	93	308945	20.24	ng/ul	100
27) 2,4-Dichlorophenol	10.49	162	258132	24.53	ng/ul	95
28) Naphthalene	10.89	128	806791	20.45	ng/ul	98
30) 4-Chloroaniline	11.00	127	311200	22.19	ng/ul	100
31) Hexachlorobutadiene	11.18	225	159115	20.91	ng/ul	98
32) Caprolactam	11.74	113	86337m	22.82	ng/ul	
33) 4-Chloro-3-methylphenol	12.11	107	248539	24.18	ng/ul	91
34) 2-Methylnaphthalene	12.49	142	612870	20.78	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.85	216	306100	23.04	ng/ul	98
37) Hexachlorocyclopentadiene	12.84	237	143660	20.55	ng/ul	99
38) 2,4,6-Trichlorophenol	13.10	196	202947	29.39	ng/ul	98
39) 2,4,5-Trichlorophenol	13.17	196	215356	29.02	ng/ul	99
40) 1,1'-Biphenyl	13.49	154	780118	22.58	ng/ul	97
41) 2-Chloronaphthalene	13.53	162	587837	22.82	ng/ul	92
42) 2-Nitroaniline	13.73	65	143859	24.52	ng/ul	96
44) Dimethylphthalate	14.10	163	723208	24.15	ng/ul#	98
45) 2,6-Dinitrotoluene	14.22	165	160423	26.22	ng/ul	90
47) Acenaphthylene	14.37	152	925930	22.38	ng/ul	97
48) 3-Nitroaniline	14.55	138	177571	26.17	ng/ul	90
49) Acenaphthene	14.71	153	653443	22.52	ng/ul	100
50) 2,4-Dinitrophenol	14.76	184	94874	33.30	ng/ul#	79
52) 4-Nitrophenol	14.86	109	78116	22.47	ng/ul#	58
53) Dibenzofuran	15.05	168	916896	22.58	ng/ul	91
54) 2,4-Dinitrotoluene	15.00	165	235313	25.70	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.28	232	198611	29.94	ng/ul#	86
56) Diethylphthalate	15.45	149	738045	25.13	ng/ul	96
58) Fluorene	15.69	166	757577	22.47	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.68	204	370900	23.04	ng/ul#	86
60) 4-Nitroaniline	15.70	138	190633	24.10	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	15.77	198	156564	28.19	ng/ul#	86
64) N-Nitrosodiphenylamine	15.89	169	660362	21.95	ng/ul	98
65) 4-Bromophenyl-phenylether	16.57	248	247157	21.85	ng/ul#	87
66) Hexachlorobenzene	16.70	284	269155	21.69	ng/ul#	91
67) Atrazine	16.83	200	243487	22.41	ng/ul	96
68) Pentachlorophenol	17.04	266	156223	24.70	ng/ul	99
69) Phenanthrene	17.43	178	1206655	20.80	ng/ul	98
71) Anthracene	17.51	178	1228831	21.01	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	288011	21.99	ng/uL	98
73) Pentachlorobenzene	14.97	250	298670	22.24	ng/uL	99
74) Carbazole	17.78	167	1171761	22.32	ng/ul	96
75) Di-n-butylphthalate	18.33	149	1295825	24.39	ng/ul	98
76) Fluoranthene	19.42	202	1420877	21.71	ng/ul	97
79) Pyrene	19.79	202	1445985	22.52	ng/ul	97
80) Butylbenzylphthalate	20.66	149	614388	29.23	ng/ul	90
81) 3,3'-Dichlorobenzidine	21.52	252	524898	24.15	ng/ul	99
82) Benzo(a)anthracene	21.61	228	1456622	21.14	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.51	149	873333	26.63	ng/ul#	93
84) Chrysene	21.67	228	1368448	20.76	ng/ul	96
86) Di-n-octyl phthalate	22.70	149	1489941	26.78	ng/ul#	96
87) Benzo(b)fluoranthene	23.79	252	1475341	21.42	ng/ul	99
88) Benzo(k)fluoranthene	23.87	252	1430690	21.32	ng/ul	98
90) Benzo(a)pyrene	24.66	252	1442474	21.31	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.43	276	1733248	21.24	ng/ul#	91
92) Dibenzo(a,h)anthracene	28.48	278	1445512	21.47	ng/ul	98
93) Benzo(g,h,i)perylene	29.56	276	1431742	21.12	ng/ul	99

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

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