Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032817\
Data File : BG026458.D
Acq On : 28 Mar 2017 16:31
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02012

Quant Time: Mar 29 01:48:12 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 28 11:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	163268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	687045	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.64	164	409783	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	957126	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1073923	20.00	ng/ul	0.00
85) Perylene-d12	24.81	264	1058241	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	28255	8.28	ng/uL	0.00
5) Phenol-d5	7.21	99	251869	20.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	140212	20.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	225953	20.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	207533	21.43	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	103427	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	120817	20.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	223764	21.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	278922	26.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	655595	20.66	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	823875	20.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	121451	19.67	ng/ul	0.00
57) Fluorene-d10	15.64	176	591440	20.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	119796	19.46	ng/ul	0.00
70) Anthracene-d10	17.48	188	909117	20.92	ng/ul	0.00
78) Pyrene-d10	19.76	212	1024986	21.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	948321	20.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	30027	8.24	ng/uL#	88
4) Benzaldehyde	7.18	77	144103	21.46	ng/ul	92
6) Phenol	7.23	94	263054	20.95	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.46	93	206734	21.57	ng/ul	97
10) 2-Chlorophenol	7.61	128	217990	20.90	ng/ul	98
11) 2-Methylphenol	8.48	108	205709	20.95	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.57	45	189052	20.92	ng/ul	98
14) Acetophenone	8.86	105	309318	21.26	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.84	70	141582	20.96	ng/ul	93
16) 4-Methylphenol	8.80	108	226059	21.27	ng/ul	100
17) Hexachloroethane	9.13	117	81953	21.22	ng/ul	84
20) Nitrobenzene	9.24	77	205456	21.06	ng/ul	94
21) Isophorone	9.76	82	390644	21.03	ng/ul#	94
23) 2-Nitrophenol	9.96	139	128506	21.23	ng/ul#	85
24) 2,4-Dimethylphenol	10.01	107	226548	20.84	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.24	93	271357	21.14	ng/ul	99
27) 2,4-Dichlorophenol	10.49	162	221492	21.23	ng/ul	96
28) Naphthalene	10.89	128	694331	21.06	ng/ul	98
30) 4-Chloroaniline	11.00	127	264962	26.42	ng/ul	97
31) Hexachlorobutadiene	11.18	225	138231	20.83	ng/ul	99
32) Caprolactam	11.74	113	72786	19.77	ng/ul	95
33) 4-Chloro-3-methylphenol	12.11	107	213095	21.10	ng/ul#	85
34) 2-Methylnaphthalene	12.49	142	545009	21.37	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	267813	20.76	ng/ul#	96
37) Hexachlorocyclopentadiene	12.83	237	120138	18.64	ng/ul	99
38) 2,4,6-Trichlorophenol	13.09	196	181326	21.19	ng/ul	99
39) 2,4,5-Trichlorophenol	13.17	196	180654	20.50	ng/ul	99
40) 1,1'-Biphenyl	13.49	154	685316	20.85	ng/ul	98
41) 2-Chloronaphthalene	13.53	162	511449	20.61	ng/ul	94
42) 2-Nitroaniline	13.73	65	117428	20.35	ng/ul	95
44) Dimethylphthalate	14.10	163	636523	20.70	ng/ul	99
45) 2,6-Dinitrotoluene	14.22	165	138750	20.91	ng/ul	89
47) Acenaphthylene	14.37	152	822299	20.89	ng/ul	99
48) 3-Nitroaniline	14.55	138	138169	22.60	ng/ul	87
49) Acenaphthene	14.71	153	564838	20.68	ng/ul	98
50) 2,4-Dinitrophenol	14.76	184	58783	15.73	ng/ul#	81
52) 4-Nitrophenol	14.86	109	66908	20.43	ng/ul#	64
53) Dibenzofuran	15.04	168	810600	20.87	ng/ul	90
54) 2,4-Dinitrotoluene	15.00	165	201554	21.00	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.27	232	176970	20.88	ng/ul#	87
56) Diethylphthalate	15.45	149	636698	20.83	ng/ul	96
58) Fluorene	15.69	166	669427	20.73	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.68	204	326415	20.58	ng/ul#	85
60) 4-Nitroaniline	15.70	138	153035	20.08	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	15.77	198	127789	19.78	ng/ul#	87
64) N-Nitrosodiphenylamine	15.89	169	578115	21.11	ng/ul	100
65) 4-Bromophenyl-phenylether	16.57	248	218343	20.74	ng/ul#	81
66) Hexachlorobenzene	16.69	284	237896	21.08	ng/ul#	88
67) Atrazine	16.83	200	224951	21.21	ng/ul	97
68) Pentachlorophenol	17.04	266	132589	19.74	ng/ul	97
69) Phenanthrene	17.42	178	1056103	21.06	ng/ul	99
71) Anthracene	17.51	178	1097398	21.38	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	264413	20.97	ng/uL	99
73) Pentachlorobenzene	14.97	250	298575	20.81	ng/uL	99
74) Carbazole	17.78	167	991227	22.47	ng/ul	96
75) Di-n-butylphthalate	18.33	149	1114055	21.42	ng/ul	98
76) Fluoranthene	19.42	202	1256950	23.45	ng/ul	98
79) Pyrene	19.79	202	1303730	21.80	ng/ul	99
80) Butylbenzylphthalate	20.66	149	503389	21.28	ng/ul	89
81) 3,3'-Dichlorobenzidine	21.52	252	432662	23.22	ng/ul	99
82) Benzo(a)anthracene	21.61	228	1235317	21.27	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.51	149	706574	20.90	ng/ul#	94
84) Chrysene	21.67	228	1129768	21.04	ng/ul	97
86) Di-n-octyl phthalate	22.69	149	1206307	22.16	ng/ul	97
87) Benzo(b)fluoranthene	23.80	252	1238016	20.62	ng/ul	99
88) Benzo(k)fluoranthene	23.86	252	1222655	21.33	ng/ul	98
90) Benzo(a)pyrene	24.66	252	1210522	20.85	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.43	276	1439947	20.57	ng/ul#	92
92) Dibenzo(a,h)anthracene	28.48	278	1215579	20.80	ng/ul	98
93) Benzo(g,h,i)perylene	29.56	276	1195910	20.54	ng/ul	97

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

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