Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019339.D
Acq On : 24 Oct 2015 17:13
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02033

Manual Integrations APPROVED
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10/26/2015 7:38:59 PM

Quant Time: Oct 25 03:09:29 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 25 02:37:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	41023	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	162710	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	122872	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	353437	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	463151	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	435898	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	6602	8.94	ng/uL	0.00
5) Phenol-d5	7.37	99	79922	22.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	49226	22.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	47746	20.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	62587	22.24	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	25175	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	30698	21.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	64830	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	75219	24.60	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	212292	20.84	ng/ul	0.00
47) Acenaphthylene-d8	14.55	160	240090	21.29	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	38250	23.09	ng/ul	0.00
58) Fluorene-d10	15.85	176	196428	20.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	50155	21.56	ng/ul	0.00
71) Anthracene-d10	17.70	188	336454	20.79	ng/ul	0.00
79) Pyrene-d10	19.96	212	426261	21.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	467106	21.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	7489	9.04	ng/uL	87
4) Benzaldehyde	7.36	77	57131	25.50	ng/ul	94
6) Phenol	7.40	94	87209	22.99	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.64	93	57446	22.27	ng/ul	95
10) 2-Chlorophenol	7.80	128	50673	21.39	ng/ul	97
11) 2-Methylphenol	8.67	108	63406	21.58	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.77	45	45804	24.13	ng/ul	99
14) Acetophenone	9.07	105	103540	21.90	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.04	70	66470	22.87	ng/ul#	88
16) 4-Methylphenol	8.99	108	68341	21.94	ng/ul	90
17) Hexachloroethane	9.34	117	23496	19.34	ng/ul	91
20) Nitrobenzene	9.45	77	94295	21.42	ng/ul	97
21) Isophorone	9.98	82	167239	21.76	ng/ul	99
23) 2-Nitrophenol	10.16	139	32860	20.93	ng/ul#	81
24) 2,4-Dimethylphenol	10.21	107	85655	21.54	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.46	93	84271	22.68	ng/ul	99
27) 2,4-Dichlorophenol	10.70	162	63869	21.28	ng/ul	96
28) Naphthalene	11.12	128	166623	20.57	ng/ul	97
30) 4-Chloroaniline	11.22	127	75251	23.70	ng/ul	96
31) Hexachlorobutadiene	11.40	225	62221	20.02	ng/ul	94
32) Caprolactam	11.97	113	22550m	23.51	ng/ul	
33) 4-Chloro-3-methylphenol	12.31	107	83905	21.73	ng/ul#	97
34) 2-Methylnaphthalene	12.71	142	130391	19.34	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.92	142	134870	21.47	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	13.07	216	106824	21.28	ng/ul	97
38) Hexachlorocyclopentadiene	13.04	237	73326	18.27	ng/ul#	96
39) 2,4,6-Trichlorophenol	13.30	196	68141	22.38	ng/ul	86
40) 2,4,5-Trichlorophenol	13.36	196	73110	21.44	ng/ul	99
41) 1,1'-Biphenyl	13.70	154	186758	21.06	ng/ul#	94
42) 2-Chloronaphthalene	13.74	162	146683	21.03	ng/ul	97
43) 2-Nitroaniline	13.93	65	60955	22.14	ng/ul	98
45) Dimethylphthalate	14.30	163	212003	20.83	ng/ul#	97
46) 2,6-Dinitrotoluene	14.42	165	45508	21.30	ng/ul	99
48) Acenaphthylene	14.58	152	242913	21.25	ng/ul	98
49) 3-Nitroaniline	14.75	138	43172	24.25	ng/ul	97
50) Acenaphthene	14.92	153	165667	21.67	ng/ul	93
51) 2,4-Dinitrophenol	14.95	184	35920	21.07	ng/ul#	78
53) 4-Nitrophenol	15.03	109	54375	19.90	ng/ul#	77
54) Dibenzofuran	15.25	168	241420	20.81	ng/ul	98
55) 2,4-Dinitrotoluene	15.20	165	69688	22.15	ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.47	232	79010	20.73	ng/ul	97
57) Diethylphthalate	15.66	149	203819	20.11	ng/ul	99
59) Fluorene	15.90	166	208253	20.68	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.89	204	122643	19.82	ng/ul	96
61) 4-Nitroaniline	15.90	138	50205	23.89	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.96	198	51258	21.01	ng/ul#	100
65) N-Nitrosodiphenylamine	16.10	169	190179	21.13	ng/ul	97
66) 4-Bromophenyl-phenylether	16.78	248	86744	19.82	ng/ul	96
67) Hexachlorobenzene	16.90	284	92668	20.38	ng/ul	96
68) Atrazine	17.04	200	93289	20.34	ng/ul	99
69) Pentachlorophenol	17.24	266	68135	21.06	ng/ul	95
70) Phenanthrene	17.64	178	377979	21.15	ng/ul	96
72) Anthracene	17.73	178	386560	21.43	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	106920	21.85	ng/uL	97
74) Pentachlorobenzene	15.17	250	103859	20.65	ng/uL	92
75) Carbazole	17.99	167	326684	22.25	ng/ul	97
76) Di-n-butylphthalate	18.54	149	376047	21.72	ng/ul	97
77) Fluoranthene	19.63	202	526564	21.96	ng/ul#	97
80) Pyrene	19.99	202	539121	20.76	ng/ul#	94
81) Butylbenzylphthalate	20.87	149	176060	22.08	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.77	252	207795	22.66	ng/ul	96
83) Benzo(a)anthracene	21.86	228	569193	21.18	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.76	149	252101	22.88	ng/ul	98
85) Chrysene	21.93	228	525316	21.28	ng/ul	99
87) Di-n-octyl phthalate	23.03	149	427730	23.27	ng/ul	100
88) Benzo(b)fluoranthene	24.19	252	545914	20.49	ng/ul#	96
89) Benzo(k)fluoranthene	24.27	252	520758	20.47	ng/ul#	98
91) Benzo(a)pyrene	25.12	252	512838	20.76	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	29.16	276	539508	19.36	ng/ul#	96
93) Dibenzo(a,h)anthracene	29.23	278	445774	19.28	ng/ul	97
94) Benzo(g,h,i)perylene	30.37	276	439880	19.09	ng/ul#	91

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

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