Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG103015\
Data File : BG019428.D
Acq On : 30 Oct 2015 9:55
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02021

Manual Integrations APPROVED
Mmdadoda
11/2/2015 11:45:31 AM

Quant Time: Oct 31 00:25:38 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 30 04:25:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	46208	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	198095	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	148169	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	381856	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	466311	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	394503	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	7052	7.31	ng/uL	0.00
5) Phenol-d5	7.36	99	96091	22.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	58319	21.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	58445	22.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	75028	22.21	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	29620	20.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	35545	20.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	80358	21.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	85310	22.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	231382	18.94	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	275797	20.38	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	38037	19.60	ng/ul	0.00
58) Fluorene-d10	15.82	176	218101	19.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	46903	18.98	ng/ul	0.00
71) Anthracene-d10	17.67	188	341345	19.61	ng/ul	0.00
79) Pyrene-d10	19.95	212	384686	18.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	405966	20.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	8509	7.75	ng/uL#	89
4) Benzaldehyde	7.33	77	67727	24.55	ng/ul	99
6) Phenol	7.38	94	102169	22.61	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.61	93	67000	21.58	ng/ul	96
10) 2-Chlorophenol	7.77	128	59964	22.00	ng/ul	98
11) 2-Methylphenol	8.65	108	70812	21.19	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.74	45	53566	21.53	ng/ul	97
14) Acetophenone	9.03	105	119713	21.11	ng/ul	85
15) N-Nitroso-di-n-propylamine	9.01	70	74445	20.02	ng/ul#	90
16) 4-Methylphenol	8.97	108	81617	22.36	ng/ul	92
17) Hexachloroethane	9.30	117	25291	17.76	ng/ul	85
20) Nitrobenzene	9.42	77	115833	20.35	ng/ul	96
21) Isophorone	9.94	82	185614	18.00	ng/ul	97
23) 2-Nitrophenol	10.14	139	39053	19.90	ng/ul	87
24) 2,4-Dimethylphenol	10.19	107	101782	19.85	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.42	93	99060	20.29	ng/ul	95
27) 2,4-Dichlorophenol	10.68	162	71752	20.03	ng/ul#	88
28) Naphthalene	11.09	128	197059	19.88	ng/ul	97
30) 4-Chloroaniline	11.19	127	84114	21.15	ng/ul	94
31) Hexachlorobutadiene	11.36	225	67007	18.30	ng/ul	94
32) Caprolactam	11.95	113	24131m	18.79	ng/ul	
33) 4-Chloro-3-methylphenol	12.30	107	100251	20.84	ng/ul#	95
34) 2-Methylnaphthalene	12.68	142	156032	19.59	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	149879	19.89 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	126585	20.73 ng/ul#	97
38) Hexachlorocyclopentadiene	13.01	237	52164	11.51 ng/ul	94
39) 2,4,6-Trichlorophenol	13.27	196	76157	21.10 ng/ul	86
40) 2,4,5-Trichlorophenol	13.35	196	81437	20.56 ng/ul	97
41) 1,1'-Biphenyl	13.67	154	214743	20.50 ng/ul#	98
42) 2-Chloronaphthalene	13.72	162	170193	20.83 ng/ul	98
43) 2-Nitroaniline	13.91	65	73018	20.90 ng/ul	91
45) Dimethylphthalate	14.28	163	236790	18.95 ng/ul#	98
46) 2,6-Dinitrotoluene	14.40	165	52971	20.95 ng/ul	98
48) Acenaphthylene	14.56	152	280475	20.23 ng/ul	97
49) 3-Nitroaniline	14.73	138	46015	21.14 ng/ul#	93
50) Acenaphthene	14.89	153	187659	20.05 ng/ul	97
51) 2,4-Dinitrophenol	14.94	184	33364	17.55 ng/ul	89
53) 4-Nitrophenol	15.04	109	57279	18.93 ng/ul#	86
54) Dibenzofuran	15.23	168	277568	20.14 ng/ul	96
55) 2,4-Dinitrotoluene	15.18	165	74109	18.56 ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	15.45	232	85227	20.58 ng/ul#	98
57) Diethylphthalate	15.63	149	222826	18.07 ng/ul	96
59) Fluorene	15.88	166	232973	19.37 ng/ul#	94
60) 4-Chlorophenyl-phenylether	15.86	204	138792	19.42 ng/ul	97
61) 4-Nitroaniline	15.89	138	46857	18.73 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.95	198	49086	18.36 ng/ul#	90
65) N-Nitrosodiphenylamine	16.08	169	206226	20.88 ng/ul	96
66) 4-Bromophenyl-phenylether	16.76	248	94798	20.89 ng/ul	97
67) Hexachlorobenzene	16.87	284	97836	20.31 ng/ul	94
68) Atrazine	17.02	200	90719	18.53 ng/ul	92
69) Pentachlorophenol	17.22	266	56359	19.83 ng/ul	91
70) Phenanthrene	17.62	178	374307	19.42 ng/ul	95
72) Anthracene	17.71	178	385484	19.62 ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	123528	22.33 ng/uL	95
74) Pentachlorobenzene	15.15	250	121411	21.77 ng/uL	96
75) Carbazole	17.97	167	392196	25.02 ng/ul	99
76) Di-n-butylphthalate	18.52	149	348743	17.95 ng/ul	99
77) Fluoranthene	19.62	202	496059	19.88 ng/ul#	98
80) Pyrene	19.98	202	494699	18.90 ng/ul#	93
81) Butylbenzylphthalate	20.85	149	157238	18.49 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.75	252	186005	20.36 ng/ul#	92
83) Benzo(a)anthracene	21.85	228	527268	19.42 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.73	149	226753	18.76 ng/ul	97
85) Chrysene	21.92	228	501290	19.68 ng/ul	99
87) Di-n-octyl phthalate	23.00	149	392251	21.96 ng/ul	100
88) Benzo(b)fluoranthene	24.17	252	484368	20.82 ng/ul#	97
89) Benzo(k)fluoranthene	24.24	252	498848	22.28 ng/ul	99
91) Benzo(a)pyrene	25.08	252	442576	19.80 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.12	276	410456m	16.30 ng/ul	
93) Dibenzo(a,h)anthracene	29.18	278	335602	15.96 ng/ul	96
94) Benzo(g,h,i)perylene	30.35	276	384069m	20.10 ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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