Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019432.D
Acq On : 30 Oct 2015 14:52
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
Mmdadoda
11/2/2015 11:45:36 AM

Quant Time: Oct 31 01:28:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 31 01:51:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	40436	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	165920	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.82	164	133844	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.57	188	367363	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	475939	20.00	ng/ul	-0.01
86) Perylene-d12	25.23	264	455648	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	6969	8.25	ng/uL	0.00
5) Phenol-d5	7.34	99	76952	20.73	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.51	67	49585	21.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	48100	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	63289	21.41	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	26579	21.80	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.09	143	31101	21.49	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.64	165	68043	21.67	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.15	131	72216	22.73	ng/ul	-0.01
44) Dimethylphthalate-d6	14.22	166	228475	20.70	ng/ul	-0.01
47) Acenaphthylene-d8	14.52	160	244777	20.03	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	34875	19.89	ng/ul	0.00
58) Fluorene-d10	15.81	176	200158	19.61	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.92	200	39827	16.75	ng/ul	-0.01
71) Anthracene-d10	17.67	188	335843m	20.05	ng/ul	0.00
79) Pyrene-d10	19.94	212	391617	18.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	454079	19.86	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	7396	7.69	ng/uL#	81
4) Benzaldehyde	7.32	77	56919	23.58	ng/ul	97
6) Phenol	7.37	94	83673	21.16	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.60	93	57147	21.04	ng/ul	96
10) 2-Chlorophenol	7.76	128	49740	20.85	ng/ul#	95
11) 2-Methylphenol	8.64	108	61925	21.17	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.73	45	47521	21.83	ng/ul	93
14) Acetophenone	9.03	105	106601	21.48	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.00	70	67740	20.82	ng/ul#	90
16) 4-Methylphenol	8.97	108	68157	21.34	ng/ul	91
17) Hexachloroethane	9.29	117	24165	19.39	ng/ul	83
20) Nitrobenzene	9.41	77	97550	20.46	ng/ul	96
21) Isophorone	9.94	82	184982	21.42	ng/ul	98
23) 2-Nitrophenol	10.12	139	31821	19.36	ng/ul#	83
24) 2,4-Dimethylphenol	10.18	107	90124	20.99	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.41	93	85496	20.91	ng/ul	97
27) 2,4-Dichlorophenol	10.67	162	61426	20.47	ng/ul#	91
28) Naphthalene	11.08	128	166900	20.10	ng/ul	96
30) 4-Chloroaniline	11.18	127	76278	22.90	ng/ul	97
31) Hexachlorobutadiene	11.35	225	62105	20.25	ng/ul#	86
32) Caprolactam	11.95	113	25671	23.87	ng/ul	92
33) 4-Chloro-3-methylphenol	12.29	107	85417	21.20	ng/ul#	95
34) 2-Methylnaphthalene	12.67	142	134776	20.20	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	134585	21.32 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	110860	20.10 ng/ul#	97
38) Hexachlorocyclopentadiene	13.01	237	70749	17.28 ng/ul	99
39) 2,4,6-Trichlorophenol	13.27	196	69804	21.40 ng/ul	90
40) 2,4,5-Trichlorophenol	13.34	196	74741	20.88 ng/ul	98
41) 1,1'-Biphenyl	13.66	154	193271	20.43 ng/ul#	97
42) 2-Chloronaphthalene	13.71	162	145589	19.73 ng/ul	98
43) 2-Nitroaniline	13.91	65	64937	20.57 ng/ul	94
45) Dimethylphthalate	14.27	163	229222	20.31 ng/ul	98
46) 2,6-Dinitrotoluene	14.39	165	47498	20.79 ng/ul	99
48) Acenaphthylene	14.55	152	246468	19.68 ng/ul	98
49) 3-Nitroaniline	14.72	138	42314	21.52 ng/ul	89
50) Acenaphthene	14.89	153	168082	19.88 ng/ul	99
51) 2,4-Dinitrophenol	14.92	184	17649	10.28 ng/ul#	78
53) 4-Nitrophenol	15.04	109	55491	20.30 ng/ul#	86
54) Dibenzofuran	15.22	168	246720	19.81 ng/ul	98
55) 2,4-Dinitrotoluene	15.18	165	70360	19.50 ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.45	232	80387	21.48 ng/ul#	98
57) Diethylphthalate	15.62	149	224612	20.16 ng/ul	98
59) Fluorene	15.87	166	215328	19.82 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.85	204	126130	19.54 ng/ul	98
61) 4-Nitroaniline	15.88	138	42358	18.75 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.93	198	43205	16.80 ng/ul#	86
65) N-Nitrosodiphenylamine	16.07	169	192999	20.31 ng/ul	97
66) 4-Bromophenyl-phenylether	16.75	248	90395	20.70 ng/ul	98
67) Hexachlorobenzene	16.87	284	95432	20.60 ng/ul	96
68) Atrazine	17.01	200	94511	20.07 ng/ul	99
69) Pentachlorophenol	17.22	266	49847	18.23 ng/ul	97
70) Phenanthrene	17.61	178	370267	19.97 ng/ul	96
72) Anthracene	17.70	178	379825	20.10 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	107125	20.13 ng/uL	95
74) Pentachlorobenzene	15.14	250	110289	20.55 ng/uL	96
75) Carbazole	17.97	167	310184	20.57 ng/ul	96
76) Di-n-butylphthalate	18.51	149	368195	19.70 ng/ul	98
77) Fluoranthene	19.61	202	487389	20.31 ng/ul#	96
80) Pyrene	19.97	202	505492	18.93 ng/ul#	95
81) Butylbenzylphthalate	20.84	149	170724	19.67 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.74	252	197726	21.20 ng/ul	97
83) Benzo(a)anthracene	21.83	228	554092	19.99 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.72	149	251987	20.43 ng/ul	97
85) Chrysene	21.90	228	516758	19.88 ng/ul	99
87) Di-n-octyl phthalate	22.99	149	419053	20.31 ng/ul	100
88) Benzo(b)fluoranthene	24.15	252	523303	19.47 ng/ul#	97
89) Benzo(k)fluoranthene	24.23	252	518823m	20.06 ng/ul	
91) Benzo(a)pyrene	25.07	252	512892	19.87 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.10	276	588752	20.24 ng/ul	98
93) Dibenzo(a,h)anthracene	29.17	278	490670	20.21 ng/ul	97
94) Benzo(g,h,i)perylene	30.32	276	474857	21.51 ng/ul#	92

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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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