Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
Data File : BG019502.D
Acq On : 6 Nov 2015 8:25
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02004

Manual Integrations APPROVED
mohammad
11/6/2015 11:41:09 PM

Quant Time: Nov 06 22:24:09 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	40258	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	171491	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	142806	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	408828	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	522810	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	498441	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	7693	9.15	ng/uL	0.00
5) Phenol-d5	7.33	99	77513	20.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	51394	21.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	47605	20.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	62816	21.34	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	25636	20.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	30406	20.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	68066	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	77512	23.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	237722	20.19	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	270072	20.71	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	38756	20.72	ng/ul	0.00
58) Fluorene-d10	15.79	176	219282	20.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	52243	19.74	ng/ul	0.00
71) Anthracene-d10	17.65	188	380099	20.40	ng/ul	0.00
79) Pyrene-d10	19.92	212	446651	19.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	494016	19.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	8303m	8.67	ng/uL	
4) Benzaldehyde	7.30	77	56961	23.70	ng/ul	96
6) Phenol	7.36	94	84375	21.43	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.58	93	58736	21.72	ng/ul	93
10) 2-Chlorophenol	7.74	128	47464	19.99	ng/ul	94
11) 2-Methylphenol	8.62	108	60803	20.88	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.71	45	52058	24.02	ng/ul	95
14) Acetophenone	9.01	105	104223	21.09	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.98	70	68260	21.07	ng/ul#	92
16) 4-Methylphenol	8.95	108	70460	22.16	ng/ul	98
17) Hexachloroethane	9.27	117	24257	19.55	ng/ul#	88
20) Nitrobenzene	9.39	77	98458	19.98	ng/ul	98
21) Isophorone	9.92	82	186772	20.92	ng/ul	99
23) 2-Nitrophenol	10.11	139	33314	19.61	ng/ul#	82
24) 2,4-Dimethylphenol	10.16	107	88709	19.99	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.40	93	90225	21.35	ng/ul	99
27) 2,4-Dichlorophenol	10.65	162	63653	20.52	ng/ul#	96
28) Naphthalene	11.06	128	171993	20.04	ng/ul	96
30) 4-Chloroaniline	11.16	127	78990	22.95	ng/ul	100
31) Hexachlorobutadiene	11.34	225	56999	17.98	ng/ul	94
32) Caprolactam	11.91	113	27551m	24.78	ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	90242	21.67	ng/ul	95
34) 2-Methylnaphthalene	12.65	142	141001	20.45	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.87	142	139582	21.39	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	111227	18.90	ng/ul	96
38) Hexachlorocyclopentadiene	12.99	237	59509	13.62	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.25	196	71584	20.57	ng/ul	96
40) 2,4,5-Trichlorophenol	13.32	196	74653	19.55	ng/ul	99
41) 1,1'-Biphenyl	13.65	154	202811	20.09	ng/ul#	96
42) 2-Chloronaphthalene	13.69	162	161276	20.48	ng/ul	97
43) 2-Nitroaniline	13.89	65	75864	22.53	ng/ul	95
45) Dimethylphthalate	14.25	163	240503	19.97	ng/ul	97
46) 2,6-Dinitrotoluene	14.38	165	50432	20.69	ng/ul	97
48) Acenaphthylene	14.54	152	275456	20.62	ng/ul	98
49) 3-Nitroaniline	14.71	138	45303	21.59	ng/ul	90
50) Acenaphthene	14.87	153	183191	20.31	ng/ul	97
51) 2,4-Dinitrophenol	14.91	184	32799	17.90	ng/ul#	90
53) 4-Nitrophenol	15.01	109	57850	19.83	ng/ul#	72
54) Dibenzofuran	15.20	168	267862	20.16	ng/ul	97
55) 2,4-Dinitrotoluene	15.16	165	79720	20.71	ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	15.43	232	81918	20.52	ng/ul	94
57) Diethylphthalate	15.60	149	241070	20.28	ng/ul	99
59) Fluorene	15.85	166	233826	20.18	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.84	204	137734	20.00	ng/ul	97
61) 4-Nitroaniline	15.87	138	50124	20.79	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.92	198	54487	19.04	ng/ul#	92
65) N-Nitrosodiphenylamine	16.05	169	210635	19.92	ng/ul	97
66) 4-Bromophenyl-phenylether	16.73	248	97739	20.12	ng/ul	98
67) Hexachlorobenzene	16.86	284	99960	19.39	ng/ul	96
68) Atrazine	16.99	200	106180	20.26	ng/ul	97
69) Pentachlorophenol	17.20	266	58962	19.37	ng/ul	90
70) Phenanthrene	17.59	178	413799	20.05	ng/ul	97
72) Anthracene	17.68	178	421422	20.04	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.61	216	113202	19.11	ng/uL	95
74) Pentachlorobenzene	15.12	250	117754	19.72	ng/uL	98
75) Carbazole	17.95	167	355966	21.21	ng/ul	99
76) Di-n-butylphthalate	18.49	149	430549	20.70	ng/ul	98
77) Fluoranthene	19.59	202	561645	21.03	ng/ul#	94
80) Pyrene	19.95	202	570906	19.46	ng/ul#	91
81) Butylbenzylphthalate	20.82	149	196449	20.60	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.72	252	213147	20.81	ng/ul	96
83) Benzo(a)anthracene	21.81	228	609002	20.00	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	282901	20.88	ng/ul#	99
85) Chrysene	21.88	228	565123	19.79	ng/ul	98
87) Di-n-octyl phthalate	22.95	149	484124	21.45	ng/ul	100
88) Benzo(b)fluoranthene	24.11	252	574178	19.53	ng/ul#	99
89) Benzo(k)fluoranthene	24.18	252	563054	19.90	ng/ul#	98
91) Benzo(a)pyrene	25.02	252	561209	19.87	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	29.02	276	634504m	19.94	ng/ul	
93) Dibenzo(a,h)anthracene	29.09	278	523804	19.72	ng/ul	98
94) Benzo(g,h,i)perylene	30.23	276	529589	21.93	ng/ul#	96

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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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