Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102015\
Data File : BG019259.D
Acq On : 20 Oct 2015 16:13
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02019

Manual Integrations APPROVED
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10/21/2015 2:32:59 PM

Quant Time: Oct 21 01:23:12 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 06:03:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	12388	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.80	136	59413	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.62	164	48037	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	135018m	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	163412	20.00	ng/ul	0.00
86) Perylene-d12	24.83	264	162049	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	1710	7.69	ng/uL	-0.02
5) Phenol-d5	7.17	99	19858	18.37	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.31	67	13242	19.03	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.53	132	15432	19.59	ng/ul	-0.01
13) 4-Methylphenol-d8	8.71	113	17263	18.85	ng/ul	-0.01
19) Nitrobenzene-d5	9.15	128	8821	19.27	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.88	143	10948	22.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.42	165	19752	20.53	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.93	131	26855	21.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	83796	19.95	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	88818	19.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	16196	21.44	ng/ul	0.00
58) Fluorene-d10	15.62	176	71151	19.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	18280	21.95	ng/ul	0.00
71) Anthracene-d10	17.47	188	126488m	19.83	ng/ul	-0.01
79) Pyrene-d10	19.75	212	157087	21.19	ng/ul	-0.01
90) Benzo(a)pyrene-d12	24.61	264	161060	19.67	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	2119m	8.09	ng/uL	
4) Benzaldehyde	7.13	77	13857	22.05	ng/ul	93
6) Phenol	7.20	94	20942	18.60	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.41	93	15498	19.41	ng/ul	98
10) 2-Chlorophenol	7.56	128	16246	20.08	ng/ul	96
11) 2-Methylphenol	8.44	108	16721	18.92	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.52	45	29712	16.69	ng/ul#	96
14) Acetophenone	8.81	105	30024	19.42	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.80	70	16683	21.12	ng/ul	97
16) 4-Methylphenol	8.78	108	19006	19.17	ng/ul	98
17) Hexachloroethane	9.07	117	7127	20.46	ng/ul	96
20) Nitrobenzene	9.19	77	25425	20.26	ng/ul	93
21) Isophorone	9.72	82	49895	20.41	ng/ul#	93
23) 2-Nitrophenol	9.91	139	10529	20.39	ng/ul#	66
24) 2,4-Dimethylphenol	9.98	107	26102	20.87	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.20	93	23512	18.62	ng/ul#	97
27) 2,4-Dichlorophenol	10.45	162	20521	21.12	ng/ul	89
28) Naphthalene	10.85	128	60674	19.54	ng/ul	99
30) 4-Chloroaniline	10.96	127	27588	21.60	ng/ul	95
31) Hexachlorobutadiene	11.13	225	15381	21.68	ng/ul	93
32) Caprolactam	11.73	113	8246m	22.92	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	26864	21.95	ng/ul	90
34) 2-Methylnaphthalene	12.45	142	49653	20.17	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.67	142	49570	20.56	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	29378	19.08	ng/ul	98
38) Hexachlorocyclopentadiene	12.80	237	13358	14.59	ng/ul	94
39) 2,4,6-Trichlorophenol	13.07	196	20232	21.13	ng/ul	95
40) 2,4,5-Trichlorophenol	13.14	196	21987	20.87	ng/ul	95
41) 1,1'-Biphenyl	13.45	154	71753	19.13	ng/ul#	96
42) 2-Chloronaphthalene	13.50	162	54693	18.86	ng/ul	94
43) 2-Nitroaniline	13.71	65	22563	19.89	ng/ul	92
45) Dimethylphthalate	14.08	163	84461	19.96	ng/ul	99
46) 2,6-Dinitrotoluene	14.20	165	17579	21.78	ng/ul#	84
48) Acenaphthylene	14.35	152	95428	19.05	ng/ul	98
49) 3-Nitroaniline	14.54	138	16727	21.63	ng/ul	92
50) Acenaphthene	14.69	153	65375	19.49	ng/ul	95
51) 2,4-Dinitrophenol	14.74	184	11297	24.46	ng/ul#	80
53) 4-Nitrophenol	14.86	109	18295	22.16	ng/ul#	71
54) Dibenzofuran	15.02	168	93237	19.67	ng/ul#	85
55) 2,4-Dinitrotoluene	14.99	165	26911	20.55	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.25	232	23537	23.25	ng/ul#	87
57) Diethylphthalate	15.44	149	91287	20.78	ng/ul	99
59) Fluorene	15.67	166	81451	20.08	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.66	204	43090	20.60	ng/ul	90
61) 4-Nitroaniline	15.70	138	19326	21.09	ng/ul#	70
64) 4,6-Dinitro-2-methylphenol	15.76	198	17813	21.17	ng/ul#	91
65) N-Nitrosodiphenylamine	15.88	169	70846	19.09	ng/ul	97
66) 4-Bromophenyl-phenylether	16.56	248	29313m	19.20	ng/ul	
67) Hexachlorobenzene	16.68	284	31540	17.83	ng/ul	95
68) Atrazine	16.83	200	37916	21.26	ng/ul	99
69) Pentachlorophenol	17.03	266	19995	22.00	ng/ul	91
70) Phenanthrene	17.41	178	149280m	19.80	ng/ul	
72) Anthracene	17.50	178	151741	19.81	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	30428	18.49	ng/uL	99
74) Pentachlorobenzene	14.95	250	32552	18.07	ng/uL	95
75) Carbazole	17.78	167	134112	20.31	ng/ul	99
76) Di-n-butylphthalate	18.33	149	173770	19.99	ng/ul#	98
77) Fluoranthene	19.42	202	196775m	20.85	ng/ul	
80) Pyrene	19.78	202	202016	20.83	ng/ul#	90
81) Butylbenzylphthalate	20.67	149	76928	21.81	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.53	252	69492	23.28	ng/ul	98
83) Benzo(a)anthracene	21.62	228	189291	20.51	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.52	149	110481	22.67	ng/ul	98
85) Chrysene	21.68	228	175764	20.13	ng/ul	100
87) Di-n-octyl phthalate	22.73	149	187481	21.74	ng/ul	100
88) Benzo(b)fluoranthene	23.81	252	195522	21.27	ng/ul#	96
89) Benzo(k)fluoranthene	23.88	252	182704	20.26	ng/ul#	96
91) Benzo(a)pyrene	24.68	252	184781	20.91	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	28.47	276	204521	19.49	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.52	278	169745	18.56	ng/ul#	92
94) Benzo(g,h,i)perylene	29.61	276	169140	19.60	ng/ul#	91

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

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