Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032216\
Data File : BG021464.D
Acq On : 22 Mar 2016 6:14
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
Sohil
3/23/2016 12:15:01 PM

Quant Time: Mar 23 01:21:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 22 01:42:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	10007	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	52047	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	33247	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	70641	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	83766	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	79191	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2009	9.01	ng/uL	0.00
5) Phenol-d5	7.33	99	20454	21.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	12640	22.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	15851	22.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	19906	24.57	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	8549	21.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	9637	21.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	17946	22.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	24380	23.37	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	57572	20.80	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	74298	21.77	ng/ul	0.00
52) 4-Nitrophenol-d4	15.07	143	6378	14.41	ng/ul	0.00
58) Fluorene-d10	15.67	176	52004	20.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	8614	18.46	ng/ul	0.00
71) Anthracene-d10	17.52	188	72772	21.02	ng/ul	0.00
79) Pyrene-d10	19.80	212	81978	20.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	78315	21.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	2709	8.99	ng/uL	95
4) Benzaldehyde	7.21	77	13688	23.75	ng/ul	95
6) Phenol	7.37	94	21687	21.68	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.49	93	15786	21.80	ng/ul	86
10) 2-Chlorophenol	7.68	128	16356	22.15	ng/ul	90
11) 2-Methylphenol	8.58	108	16716	21.72	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.60	45	19128	21.90	ng/ul#	45
14) Acetophenone	8.89	105	29904	22.62	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.88	70	17177	23.44	ng/ul#	96
16) 4-Methylphenol	8.92	108	18994	21.75	ng/ul	87
17) Hexachloroethane	9.15	117	6724	21.70	ng/ul	96
20) Nitrobenzene	9.28	77	23758	21.54	ng/ul	93
21) Isophorone	9.80	82	44810	21.08	ng/ul	99
23) 2-Nitrophenol	9.99	139	10346	21.00	ng/ul	92
24) 2,4-Dimethylphenol	10.09	107	23796	21.40	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.28	93	23698	21.40	ng/ul	97
27) 2,4-Dichlorophenol	10.59	162	18358	22.16	ng/ul	96
28) Naphthalene	10.93	128	58113	21.06	ng/ul	99
30) 4-Chloroaniline	11.05	127	24972	22.81	ng/ul	95
31) Hexachlorobutadiene	11.20	225	12857	21.07	ng/ul	91
32) Caprolactam	11.80	113	5607m	18.02	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	22161	21.90	ng/ul#	87
34) 2-Methylnaphthalene	12.52	142	44311	21.64	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	42365	21.32 ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	25337	21.77 ng/ul	94
38) Hexachlorocyclopentadiene	12.86	237	6990	16.40 ng/ul#	93
39) 2,4,6-Trichlorophenol	13.15	196	15372	22.47 ng/ul	90
40) 2,4,5-Trichlorophenol	13.31	196	16716	22.39 ng/ul	95
41) 1,1'-Biphenyl	13.52	154	58685	21.58 ng/ul	93
42) 2-Chloronaphthalene	13.57	162	46002	21.63 ng/ul	98
43) 2-Nitroaniline	13.78	65	15611	21.04 ng/ul	87
45) Dimethylphthalate	14.14	163	59200	20.58 ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	12176	20.74 ng/ul	99
48) Acenaphthylene	14.41	152	73735	21.81 ng/ul	98
49) 3-Nitroaniline	14.60	138	11018	20.29 ng/ul	89
50) Acenaphthene	14.75	153	50579	21.69 ng/ul	94
51) 2,4-Dinitrophenol	14.82	184	4042	13.67 ng/ul#	74
53) 4-Nitrophenol	15.09	109	7848	17.10 ng/ul#	1
54) Dibenzofuran	15.08	168	69037	21.13 ng/ul	95
55) 2,4-Dinitrotoluene	15.05	165	17163	19.94 ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.33	232	11747	21.52 ng/ul	90
57) Diethylphthalate	15.49	149	58823	19.14 ng/ul	99
59) Fluorene	15.73	166	58981	20.65 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.72	204	30987	20.66 ng/ul	95
61) 4-Nitroaniline	15.77	138	10573	18.58 ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.81	198	9723	19.73 ng/ul	94
65) N-Nitrosodiphenylamine	15.93	169	50121	22.90 ng/ul	97
66) 4-Bromophenyl-phenylether	16.61	248	18477	22.39 ng/ul#	85
67) Hexachlorobenzene	16.73	284	20138	23.14 ng/ul	93
68) Atrazine	16.87	200	18240	20.67 ng/ul	98
69) Pentachlorophenol	17.10	266	3176	13.80 ng/ul	89
70) Phenanthrene	17.47	178	85752	21.44 ng/ul	97
72) Anthracene	17.56	178	87844	21.58 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	25092	25.37 ng/uL	92
74) Pentachlorobenzene	15.00	250	25499	24.83 ng/uL	93
75) Carbazole	17.83	167	71972	20.44 ng/ul	97
76) Di-n-butylphthalate	18.37	149	92527	20.36 ng/ul	100
77) Fluoranthene	19.46	202	100546	20.83 ng/ul#	95
80) Pyrene	19.83	202	105002	21.04 ng/ul#	93
81) Butylbenzylphthalate	20.70	149	44754	21.23 ng/ul	90
82) 3,3'-Dichlorobenzidine	21.57	252	38323	22.06 ng/ul	97
83) Benzo(a)anthracene	21.66	228	111760	22.10 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	65381	21.21 ng/ul	98
85) Chrysene	21.73	228	103791	21.67 ng/ul	99
87) Di-n-octyl phthalate	22.74	149	113880	21.18 ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	110556	21.73 ng/ul	97
89) Benzo(k)fluoranthene	23.94	252	109244	21.86 ng/ul	98
91) Benzo(a)pyrene	24.75	252	107475	21.76 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.55	276	121494	21.65 ng/ul	96
93) Dibenzo(a,h)anthracene	28.61	278	102647	21.50 ng/ul	97
94) Benzo(g,h,i)perylene	29.71	276	99242	21.50 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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