Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA G\DATA\BG112015\
Data File : BG019768.D
Acq On : 21 Nov 2015 23:58
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02008

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:00:14 PM

Quant Time: Nov 23 00:36:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 22 07:06:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	23269	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	89840	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.75	164	69447	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	201639	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	266480	20.00	ng/ul	0.00
86) Perylene-d12	25.06	264	256560	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	4191	7.69	ng/uL	0.00
5) Phenol-d5	7.26	99	44953	18.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	29209	18.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	28982	18.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	35700	18.09	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	15780	21.39	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	17024	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	37465	20.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	32476	19.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	123453	19.66	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	140929	20.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	20233	20.45	ng/ul	0.00
58) Fluorene-d10	15.74	176	113943	20.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	25249	19.38	ng/ul	0.00
71) Anthracene-d10	17.59	188	196903	20.11	ng/ul	0.00
79) Pyrene-d10	19.87	212	241559	19.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.83	264	277016	20.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	5048	8.13	ng/uL#	77
4) Benzaldehyde	7.24	77	36432	20.97	ng/ul	94
6) Phenol	7.29	94	48576	18.87	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.53	93	34157	19.07	ng/ul	98
10) 2-Chlorophenol	7.67	128	28303	18.95	ng/ul	94
11) 2-Methylphenol	8.56	108	35486	18.73	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.65	45	27753	17.74	ng/ul	94
14) Acetophenone	8.94	105	59084	18.12	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.92	70	36016	16.35	ng/ul	97
16) 4-Methylphenol	8.88	108	38828	18.19	ng/ul	92
17) Hexachloroethane	9.21	117	14194	20.00	ng/ul	97
20) Nitrobenzene	9.33	77	54572	20.54	ng/ul	96
21) Isophorone	9.85	82	95719	18.68	ng/ul	96
23) 2-Nitrophenol	10.05	139	19603	21.82	ng/ul	96
24) 2,4-Dimethylphenol	10.10	107	48609	20.30	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.34	93	48228	19.02	ng/ul	94
27) 2,4-Dichlorophenol	10.59	162	34378	20.11	ng/ul	96
28) Naphthalene	10.99	128	99056	20.41	ng/ul	99
30) 4-Chloroaniline	11.10	127	32243	18.19	ng/ul#	86
31) Hexachlorobutadiene	11.28	225	34001	22.10	ng/ul	97
32) Caprolactam	11.85	113	13209m	18.99	ng/ul	
33) 4-Chloro-3-methylphenol	12.21	107	47654	20.00	ng/ul	93
34) 2-Methylnaphthalene	12.59	142	75336	19.47	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.81	142	74435	19.30	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.96	216	62078	22.30	ng/ul	98
38) Hexachlorocyclopentadiene	12.93	237	24085	14.85	ng/ul	99
39) 2,4,6-Trichlorophenol	13.19	196	36405	21.44	ng/ul	95
40) 2,4,5-Trichlorophenol	13.27	196	40275	22.67	ng/ul	97
41) 1,1'-Biphenyl	13.59	154	107540	20.82	ng/ul	99
42) 2-Chloronaphthalene	13.64	162	84666	21.09	ng/ul	99
43) 2-Nitroaniline	13.83	65	34120	20.11	ng/ul	94
45) Dimethylphthalate	14.20	163	123207	19.78	ng/ul	100
46) 2,6-Dinitrotoluene	14.32	165	26306	21.11	ng/ul#	89
48) Acenaphthylene	14.48	152	140928	20.74	ng/ul	97
49) 3-Nitroaniline	14.65	138	20906	20.14	ng/ul	94
50) Acenaphthene	14.82	153	97162	20.89	ng/ul	96
51) 2,4-Dinitrophenol	14.87	184	14018	17.12	ng/ul	96
53) 4-Nitrophenol	14.96	109	24704	20.48	ng/ul	91
54) Dibenzofuran	15.15	168	142208	20.85	ng/ul	96
55) 2,4-Dinitrotoluene	15.11	165	41330	21.33	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.38	232	42244	22.42	ng/ul	96
57) Diethylphthalate	15.55	149	121574	19.54	ng/ul	99
59) Fluorene	15.80	166	121321	20.35	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.78	204	71836	20.71	ng/ul	97
61) 4-Nitroaniline	15.82	138	25679	20.55	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.88	198	26390	19.08	ng/ul#	97
65) N-Nitrosodiphenylamine	16.00	169	109375	20.14	ng/ul	96
66) 4-Bromophenyl-phenylether	16.67	248	50441	20.80	ng/ul	99
67) Hexachlorobenzene	16.80	284	54711	21.40	ng/ul	96
68) Atrazine	16.94	200	53786	21.23	ng/ul#	96
69) Pentachlorophenol	17.14	266	27573	19.27	ng/ul	91
70) Phenanthrene	17.54	178	215287	19.95	ng/ul	97
72) Anthracene	17.63	178	217407	19.98	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.56	216	61832	22.21	ng/uL	96
74) Pentachlorobenzene	15.07	250	62890	21.65	ng/uL	98
75) Carbazole	17.90	167	184998	21.17	ng/ul	97
76) Di-n-butylphthalate	18.44	149	219805	19.39	ng/ul	98
77) Fluoranthene	19.54	202	293413	21.33	ng/ul	98
80) Pyrene	19.90	202	306779	19.71	ng/ul	97
81) Butylbenzylphthalate	20.76	149	102965	20.11	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.65	252	96266	19.75	ng/ul#	98
83) Benzo(a)anthracene	21.75	228	331069	20.50	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	148973	19.84	ng/ul	99
85) Chrysene	21.81	228	311378	20.48	ng/ul	99
87) Di-n-octyl phthalate	22.86	149	261312	20.98	ng/ul	100
88) Benzo(b)fluoranthene	24.01	252	321500	20.34	ng/ul	96
89) Benzo(k)fluoranthene	24.08	252	308902	20.25	ng/ul	99
91) Benzo(a)pyrene	24.91	252	310465	20.40	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.83	276	345369	20.28	ng/ul#	93
93) Dibenzo(a,h)anthracene	28.90	278	288735	20.62	ng/ul	98
94) Benzo(g,h,i)perylene	30.01	276	288429	20.41	ng/ul	95

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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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