Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111615\
Data File : BG019645.D
Acq On : 16 Nov 2015 21:51
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02027

Manual Integrations APPROVED
mmdadoda
11/17/2015 5:53:26 PM

Quant Time: Nov 17 01:14:28 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 01:02:20 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	15951	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	72029	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	63055	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	187355m	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	269650	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	263191	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	2857	7.65	ng/uL	0.00
5) Phenol-d5	7.29	99	32216	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	20915	19.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	20249	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	26505	19.59	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	11282	19.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	12097	18.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	26254	18.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	29591	21.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	110520	19.38	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	116031	18.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	18244	20.30	ng/ul	0.00
58) Fluorene-d10	15.77	176	97690	19.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	23499	19.42	ng/ul	0.00
71) Anthracene-d10	17.62	188	176595	19.41	ng/ul	0.00
79) Pyrene-d10	19.90	212	225649	18.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	261801	19.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	3342	7.85	ng/uL#	87
4) Benzaldehyde	7.28	77	26425	22.19	ng/ul	93
6) Phenol	7.32	94	34113	19.33	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.56	93	24297	19.79	ng/ul#	94
10) 2-Chlorophenol	7.71	128	19902	19.44	ng/ul	91
11) 2-Methylphenol	8.59	108	25451	19.59	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.68	45	22613	21.09	ng/ul#	91
14) Acetophenone	8.97	105	45370	20.30	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.96	70	29703	19.67	ng/ul#	97
16) 4-Methylphenol	8.92	108	27659	18.90	ng/ul	92
17) Hexachloroethane	9.24	117	9416	19.35	ng/ul	85
20) Nitrobenzene	9.37	77	38675	18.16	ng/ul	95
21) Isophorone	9.88	82	79442	19.34	ng/ul	99
23) 2-Nitrophenol	10.08	139	13498	18.74	ng/ul	97
24) 2,4-Dimethylphenol	10.13	107	36534	19.03	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.37	93	38356	18.86	ng/ul	95
27) 2,4-Dichlorophenol	10.62	162	26116	19.06	ng/ul	93
28) Naphthalene	11.03	128	73606	18.92	ng/ul	99
30) 4-Chloroaniline	11.13	127	30063	21.16	ng/ul	91
31) Hexachlorobutadiene	11.31	225	22904	18.57	ng/ul	91
32) Caprolactam	11.88	113	11111m	19.93	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	36900	19.31	ng/ul	94
34) 2-Methylnaphthalene	12.62	142	59497	19.18	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	58758	19.01	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	46492	18.39	ng/ul	97
38) Hexachlorocyclopentadiene	12.97	237	24547	16.67	ng/ul	91
39) 2,4,6-Trichlorophenol	13.22	196	28633	18.57	ng/ul	92
40) 2,4,5-Trichlorophenol	13.30	196	31065	19.26	ng/ul	97
41) 1,1'-Biphenyl	13.62	154	88634	18.90	ng/ul	96
42) 2-Chloronaphthalene	13.67	162	68335	18.75	ng/ul	99
43) 2-Nitroaniline	13.87	65	29835	19.37	ng/ul	94
45) Dimethylphthalate	14.23	163	109633	19.39	ng/ul	98
46) 2,6-Dinitrotoluene	14.35	165	21661	19.15	ng/ul	94
48) Acenaphthylene	14.51	152	118655	19.23	ng/ul	98
49) 3-Nitroaniline	14.68	138	20627	21.88	ng/ul	85
50) Acenaphthene	14.85	153	79588	18.84	ng/ul	97
51) 2,4-Dinitrophenol	14.89	184	13236	17.81	ng/ul	93
53) 4-Nitrophenol	14.98	109	22208	20.28	ng/ul	88
54) Dibenzofuran	15.18	168	121324	19.59	ng/ul	97
55) 2,4-Dinitrotoluene	15.14	165	35514	20.19	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.40	232	33584	19.63	ng/ul	98
57) Diethylphthalate	15.58	149	109108	19.31	ng/ul	100
59) Fluorene	15.83	166	106411	19.66	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.81	204	59575	18.92	ng/ul	96
61) 4-Nitroaniline	15.84	138	24850	21.90	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.89	198	24776	19.28	ng/ul#	91
65) N-Nitrosodiphenylamine	16.02	169	95446	18.91	ng/ul	99
66) 4-Bromophenyl-phenylether	16.71	248	42307	18.78	ng/ul	99
67) Hexachlorobenzene	16.83	284	44189	18.60	ng/ul	99
68) Atrazine	16.96	200	47734	20.27	ng/ul	99
69) Pentachlorophenol	17.17	266	23721m	17.84	ng/ul	
70) Phenanthrene	17.56	178	194472m	19.39	ng/ul	
72) Anthracene	17.66	178	201452	19.92	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	46742	18.07	ng/uL	98
74) Pentachlorobenzene	15.10	250	50086	18.56	ng/uL	94
75) Carbazole	17.92	167	173112	21.32	ng/ul	98
76) Di-n-butylphthalate	18.46	149	211193	20.05	ng/ul	99
77) Fluoranthene	19.56	202	281263	22.01	ng/ul#	97
80) Pyrene	19.93	202	293330	18.63	ng/ul	99
81) Butylbenzylphthalate	20.79	149	100673	19.43	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.68	252	106940	21.68	ng/ul	95
83) Benzo(a)anthracene	21.77	228	317748	19.44	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.65	149	149331	19.66	ng/ul	99
85) Chrysene	21.84	228	299300	19.45	ng/ul	99
87) Di-n-octyl phthalate	22.89	149	259015	20.27	ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	308762	19.04	ng/ul	99
89) Benzo(k)fluoranthene	24.11	252	308259	19.70	ng/ul	98
91) Benzo(a)pyrene	24.95	252	302918	19.40	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.90	276	335795	19.22	ng/ul	93
93) Dibenzo(a,h)anthracene	28.97	278	278801	19.41	ng/ul#	94
94) Benzo(g,h,i)perylene	30.09	276	281102	19.39	ng/ul	98

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

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