Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102015\
Data File : BG019274.D
Acq On : 21 Oct 2015 1:50
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02020

Manual Integrations APPROVED
MMdadoda
10/21/2015 2:33:05 PM

Quant Time: Oct 21 02:56:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 01:23:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	19152	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	89757	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.62	164	64241	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.37	188	151814	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	171954	20.00	ng/ul	0.00
86) Perylene-d12	24.83	264	172943	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	2313	6.73	ng/uL	0.00
5) Phenol-d5	7.17	99	31010	18.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.31	67	19088	17.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	24554	20.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	27022	19.08	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	13293	19.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	16089	21.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	32138	22.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	38436	20.53	ng/ul	0.00
44) Dimethylphthalate-d6	14.03	166	103351	18.39	ng/ul	0.00
47) Acenaphthylene-d8	14.32	160	120974	19.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	19713	19.52	ng/ul	0.00
58) Fluorene-d10	15.62	176	92414	19.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	20888	22.30	ng/ul	0.00
71) Anthracene-d10	17.47	188	141851	19.78	ng/ul	0.00
79) Pyrene-d10	19.76	212	159874	20.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.61	264	173168	19.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	3070	7.58	ng/uL#	73
4) Benzaldehyde	7.13	77	20489	21.09	ng/ul	94
6) Phenol	7.20	94	32149	18.47	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.41	93	22368	18.12	ng/ul	94
10) 2-Chlorophenol	7.56	128	25488	20.37	ng/ul	98
11) 2-Methylphenol	8.45	108	26586	19.46	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.52	45	41161	14.96	ng/ul#	96
14) Acetophenone	8.81	105	45375	18.98	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.79	70	24499	20.06	ng/ul	99
16) 4-Methylphenol	8.77	108	29787	19.43	ng/ul	96
17) Hexachloroethane	9.08	117	11174	20.75	ng/ul#	90
20) Nitrobenzene	9.19	77	35644	18.80	ng/ul	98
21) Isophorone	9.72	82	69408	18.79	ng/ul#	96
23) 2-Nitrophenol	9.91	139	16702	21.41	ng/ul#	75
24) 2,4-Dimethylphenol	9.98	107	38801	20.54	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.20	93	33735	17.68	ng/ul	96
27) 2,4-Dichlorophenol	10.45	162	31779	21.65	ng/ul	99
28) Naphthalene	10.85	128	92235	19.66	ng/ul	98
30) 4-Chloroaniline	10.96	127	40101	20.79	ng/ul	99
31) Hexachlorobutadiene	11.13	225	24275	22.64	ng/ul	93
32) Caprolactam	11.73	113	10371m	19.08	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	38510	20.83	ng/ul	93
34) 2-Methylnaphthalene	12.45	142	72575	19.51	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.67	142	72821	19.99	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.82	216	43645	21.20	ng/ul#	94
38) Hexachlorocyclopentadiene	12.80	237	10225	8.35	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.07	196	29423	22.98	ng/ul	95
40) 2,4,5-Trichlorophenol	13.14	196	32779	23.27	ng/ul	96
41) 1,1'-Biphenyl	13.46	154	99540	19.85	ng/ul#	96
42) 2-Chloronaphthalene	13.50	162	77162	19.90	ng/ul	95
43) 2-Nitroaniline	13.71	65	29558	19.48	ng/ul	87
45) Dimethylphthalate	14.08	163	103476	18.28	ng/ul	98
46) 2,6-Dinitrotoluene	14.21	165	21627	20.04	ng/ul	92
48) Acenaphthylene	14.35	152	130733	19.52	ng/ul	99
49) 3-Nitroaniline	14.54	138	21456	20.74	ng/ul	89
50) Acenaphthene	14.69	153	89090	19.86	ng/ul	98
51) 2,4-Dinitrophenol	14.74	184	14134	22.88	ng/ul	84
53) 4-Nitrophenol	14.86	109	21962	19.89	ng/ul#	76
54) Dibenzofuran	15.02	168	123937	19.55	ng/ul#	85
55) 2,4-Dinitrotoluene	14.99	165	32835	18.75	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.26	232	30810	22.76	ng/ul	95
57) Diethylphthalate	15.44	149	106456	18.12	ng/ul	98
59) Fluorene	15.68	166	105013	19.36	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.66	204	54199	19.37	ng/ul#	86
61) 4-Nitroaniline	15.70	138	21743	17.74	ng/ul#	71
64) 4,6-Dinitro-2-methylphenol	15.76	198	21293	22.51	ng/ul#	93
65) N-Nitrosodiphenylamine	15.88	169	88035	21.10	ng/ul	97
66) 4-Bromophenyl-phenylether	16.56	248	35868	20.89	ng/ul#	91
67) Hexachlorobenzene	16.68	284	40304	20.27	ng/ul	97
68) Atrazine	16.83	200	40876	20.38	ng/ul	96
69) Pentachlorophenol	17.03	266	23272	22.77	ng/ul	94
70) Phenanthrene	17.41	178	167261	19.73	ng/ul	98
72) Anthracene	17.51	178	167789	19.48	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.42	216	44917	24.27	ng/uL	96
74) Pentachlorobenzene	14.95	250	44723	22.08	ng/uL	99
75) Carbazole	17.78	167	140961	18.99	ng/ul	99
76) Di-n-butylphthalate	18.33	149	178843	18.30	ng/ul#	96
77) Fluoranthene	19.42	202	196801	18.55	ng/ul#	89
80) Pyrene	19.79	202	206725	20.26	ng/ul#	88
81) Butylbenzylphthalate	20.67	149	79962	21.54	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.53	252	72170	22.98	ng/ul	98
83) Benzo(a)anthracene	21.62	228	201926	20.79	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	114574	22.34	ng/ul	97
85) Chrysene	21.69	228	187325	20.39	ng/ul	98
87) Di-n-octyl phthalate	22.73	149	197324	21.44	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	201745	20.57	ng/ul#	95
89) Benzo(k)fluoranthene	23.88	252	201979	20.98	ng/ul#	96
91) Benzo(a)pyrene	24.68	252	196181	20.80	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.48	276	221985	19.82	ng/ul#	92
93) Dibenzo(a,h)anthracene	28.53	278	187461	19.21	ng/ul#	93
94) Benzo(g,h,i)perylene	29.61	276	184430	20.02	ng/ul#	92

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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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