Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111515\
Data File : BG019637.D
Acq On : 16 Nov 2015 5:32
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02020

Manual Integrations APPROVED
mmdadoda
11/16/2015 7:00:45 PM

Quant Time: Nov 16 06:26:39 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 03:12:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	42722	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	176589	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	138666	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	375608	20.00	ng/ul	0.00
78) Chrysene-d12	21.81	240	453700	20.00	ng/ul	0.00
86) Perylene-d12	25.13	264	434541	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	6629	7.43	ng/uL	0.00
5) Phenol-d5	7.31	99	77966	19.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	50646	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	48571	19.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	61477	19.68	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	24513	18.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	28912	18.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	61580	18.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	72446	21.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	205902	18.01	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	235927	18.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	33337	18.36	ng/ul	0.00
58) Fluorene-d10	15.78	176	186712	17.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	41993	17.27	ng/ul	0.00
71) Anthracene-d10	17.63	188	314260	18.35	ng/ul	0.00
79) Pyrene-d10	19.90	212	368437	18.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.90	264	395886	18.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	8302	8.17	ng/uL#	77
4) Benzaldehyde	7.28	77	57708	22.62	ng/ul	94
6) Phenol	7.33	94	82744	19.81	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.56	93	58313	20.32	ng/ul	90
10) 2-Chlorophenol	7.72	128	48582	19.28	ng/ul	96
11) 2-Methylphenol	8.60	108	60042	19.43	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.69	45	52464	22.81	ng/ul	91
14) Acetophenone	8.99	105	99882	19.05	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.96	70	64678	18.82	ng/ul#	88
16) 4-Methylphenol	8.93	108	66903	19.83	ng/ul	99
17) Hexachloroethane	9.26	117	23764	18.05	ng/ul	96
20) Nitrobenzene	9.37	77	93963	18.52	ng/ul	98
21) Isophorone	9.90	82	171255	18.63	ng/ul	99
23) 2-Nitrophenol	10.09	139	30842	17.63	ng/ul#	80
24) 2,4-Dimethylphenol	10.14	107	82221	17.99	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.38	93	86562	19.89	ng/ul	97
27) 2,4-Dichlorophenol	10.63	162	59206	18.54	ng/ul#	94
28) Naphthalene	11.04	128	163990	18.56	ng/ul	95
30) 4-Chloroaniline	11.14	127	70269	19.82	ng/ul	96
31) Hexachlorobutadiene	11.31	225	55126	16.89	ng/ul	95
32) Caprolactam	11.89	113	23032m	20.12	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	80039	18.67	ng/ul#	97
34) 2-Methylnaphthalene	12.63	142	128035	18.03	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.85	142	125065	18.62	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	100761	17.63	ng/ul	98
38) Hexachlorocyclopentadiene	12.97	237	59042	13.92	ng/ul	93
39) 2,4,6-Trichlorophenol	13.23	196	61185	18.11	ng/ul	97
40) 2,4,5-Trichlorophenol	13.30	196	66955	18.06	ng/ul	97
41) 1,1'-Biphenyl	13.63	154	182115	18.58	ng/ul#	96
42) 2-Chloronaphthalene	13.67	162	139663	18.27	ng/ul	95
43) 2-Nitroaniline	13.87	65	60075	18.37	ng/ul	99
45) Dimethylphthalate	14.23	163	206884	17.69	ng/ul	97
46) 2,6-Dinitrotoluene	14.36	165	43999	18.59	ng/ul	87
48) Acenaphthylene	14.51	152	241175	18.59	ng/ul	98
49) 3-Nitroaniline	14.69	138	40219	19.74	ng/ul#	90
50) Acenaphthene	14.86	153	161790	18.47	ng/ul	97
51) 2,4-Dinitrophenol	14.90	184	27798	15.62	ng/ul	93
53) 4-Nitrophenol	14.99	109	42230	14.91	ng/ul#	58
54) Dibenzofuran	15.18	168	236912	18.36	ng/ul	97
55) 2,4-Dinitrotoluene	15.14	165	64941	17.37	ng/ul#	84
56) 2,3,4,6-Tetrachlorophenol	15.41	232	66262	17.09	ng/ul	96
57) Diethylphthalate	15.59	149	201503	17.46	ng/ul	99
59) Fluorene	15.84	166	198487	17.64	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.82	204	113911	17.03	ng/ul	99
61) 4-Nitroaniline	15.85	138	41607	17.77	ng/ul	83
64) 4,6-Dinitro-2-methylphenol	15.91	198	44158	16.79	ng/ul#	99
65) N-Nitrosodiphenylamine	16.03	169	176623	18.18	ng/ul	96
66) 4-Bromophenyl-phenylether	16.71	248	78847	17.66	ng/ul	97
67) Hexachlorobenzene	16.84	284	83965	17.72	ng/ul	95
68) Atrazine	16.97	200	85715	17.80	ng/ul	97
69) Pentachlorophenol	17.18	266	49496	17.70	ng/ul	93
70) Phenanthrene	17.58	178	345422	18.22	ng/ul	96
72) Anthracene	17.66	178	352566	18.25	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.60	216	100032	18.38	ng/uL	95
74) Pentachlorobenzene	15.11	250	98942	18.03	ng/uL	96
75) Carbazole	17.93	167	296716	19.24	ng/ul	98
76) Di-n-butylphthalate	18.47	149	353072	18.47	ng/ul#	97
77) Fluoranthene	19.57	202	458202	18.67	ng/ul#	93
80) Pyrene	19.93	202	465668	18.29	ng/ul#	91
81) Butylbenzylphthalate	20.80	149	158231	19.12	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.69	252	167815	18.88	ng/ul	100
83) Benzo(a)anthracene	21.78	228	485490	18.37	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	227624	19.36	ng/ul	98
85) Chrysene	21.85	228	448534	18.10	ng/ul	98
87) Di-n-octyl phthalate	22.90	149	397198	20.19	ng/ul	100
88) Benzo(b)fluoranthene	24.07	252	468375	18.28	ng/ul#	99
89) Benzo(k)fluoranthene	24.14	252	444658	18.03	ng/ul#	99
91) Benzo(a)pyrene	24.97	252	447146	18.16	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.94	276	502518	18.12	ng/ul#	91
93) Dibenzo(a,h)anthracene	29.00	278	417047	18.01	ng/ul#	96
94) Benzo(g,h,i)perylene	30.14	276	415590	19.74	ng/ul#	94

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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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