Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121715\
Data File : BG020241.D
Acq On : 17 Dec 2015 4:05
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02041

Manual Integrations APPROVED
MMdadoda
12/17/2015 12:00:32 PM

Quant Time: Dec 17 06:19:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 03:53:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	30711	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	138774	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	104033	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	258702	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	294676	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	279458	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	4048	7.28	ng/uL	0.00
5) Phenol-d5	7.25	99	55887	20.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	32650	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	42639	21.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	48225	20.82	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	22149	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	26955	22.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	51311	21.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	62403	22.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	163853	19.47	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	198727	20.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	29250	19.38	ng/ul	0.00
58) Fluorene-d10	15.72	176	153502	20.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	30446	19.85	ng/ul	0.00
71) Anthracene-d10	17.57	188	242280	20.32	ng/ul	0.00
79) Pyrene-d10	19.85	212	269121	19.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	290737	20.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	5230	6.36	ng/uL	92
4) Benzaldehyde	7.23	77	37695	21.50	ng/ul	95
6) Phenol	7.27	94	59929	20.67	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.51	93	39822	20.01	ng/ul	94
10) 2-Chlorophenol	7.66	128	44167	21.41	ng/ul	99
11) 2-Methylphenol	8.54	108	45249	20.45	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.63	45	54774	19.11	ng/ul	98
14) Acetophenone	8.92	105	74948	20.67	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.91	70	38788	20.20	ng/ul	99
16) 4-Methylphenol	8.87	108	50880	20.78	ng/ul	93
17) Hexachloroethane	9.18	117	17762	20.49	ng/ul	90
20) Nitrobenzene	9.31	77	58394	20.37	ng/ul	97
21) Isophorone	9.83	82	107280	19.60	ng/ul	99
23) 2-Nitrophenol	10.02	139	27398	21.23	ng/ul	99
24) 2,4-Dimethylphenol	10.08	107	59675	20.36	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.31	93	57885	19.52	ng/ul	97
27) 2,4-Dichlorophenol	10.56	162	52603	21.00	ng/ul	95
28) Naphthalene	10.96	128	149620	20.65	ng/ul	98
30) 4-Chloroaniline	11.07	127	61395	21.96	ng/ul	96
31) Hexachlorobutadiene	11.24	225	37922	20.31	ng/ul	94
32) Caprolactam	11.83	113	17907m	20.26	ng/ul	
33) 4-Chloro-3-methylphenol	12.19	107	60905	20.46	ng/ul	91
34) 2-Methylnaphthalene	12.56	142	113555	20.51	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	109320	20.54	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	80487	20.62	ng/ul	99
38) Hexachlorocyclopentadiene	12.90	237	38004	15.75	ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	52157	20.83	ng/ul	99
40) 2,4,5-Trichlorophenol	13.24	196	58289	20.94	ng/ul	99
41) 1,1'-Biphenyl	13.56	154	158496	20.19	ng/ul	98
42) 2-Chloronaphthalene	13.61	162	126995	20.21	ng/ul	98
43) 2-Nitroaniline	13.81	65	42347	19.82	ng/ul	98
45) Dimethylphthalate	14.18	163	167349	19.47	ng/ul	100
46) 2,6-Dinitrotoluene	14.30	165	36623	20.60	ng/ul	97
48) Acenaphthylene	14.45	152	210017	20.19	ng/ul	99
49) 3-Nitroaniline	14.63	138	37937	21.98	ng/ul	92
50) Acenaphthene	14.79	153	139454	19.93	ng/ul	97
51) 2,4-Dinitrophenol	14.83	184	19640	19.41	ng/ul	97
53) 4-Nitrophenol	14.93	109	27484	18.93	ng/ul	90
54) Dibenzofuran	15.12	168	209494	20.12	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	54110	20.74	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.35	232	55348	20.68	ng/ul	97
57) Diethylphthalate	15.53	149	173175	19.42	ng/ul	99
59) Fluorene	15.77	166	169449	20.27	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.76	204	95445	20.25	ng/ul	98
61) 4-Nitroaniline	15.79	138	38887	20.84	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.85	198	32442	19.70	ng/ul#	99
65) N-Nitrosodiphenylamine	15.97	169	149855	20.83	ng/ul	97
66) 4-Bromophenyl-phenylether	16.66	248	63664	20.97	ng/ul	98
67) Hexachlorobenzene	16.77	284	70398	21.59	ng/ul	93
68) Atrazine	16.91	200	65686	21.41	ng/ul	99
69) Pentachlorophenol	17.11	266	39792	20.24	ng/ul	96
70) Phenanthrene	17.51	178	288159	20.36	ng/ul	98
72) Anthracene	17.60	178	297311	20.72	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	88437	21.82	ng/uL	97
74) Pentachlorobenzene	15.05	250	82100	21.84	ng/uL	94
75) Carbazole	17.87	167	252241	20.92	ng/ul	100
76) Di-n-butylphthalate	18.42	149	291976	20.84	ng/ul	99
77) Fluoranthene	19.51	202	350767	21.21	ng/ul	99
80) Pyrene	19.88	202	352366	19.76	ng/ul	99
81) Butylbenzylphthalate	20.75	149	127752	20.61	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.63	252	122042	22.67	ng/ul	97
83) Benzo(a)anthracene	21.72	228	356086	20.71	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	180317	20.35	ng/ul	97
85) Chrysene	21.79	228	332620	20.54	ng/ul	99
87) Di-n-octyl phthalate	22.84	149	311810	20.31	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	343867	20.44	ng/ul	99
89) Benzo(k)fluoranthene	24.04	252	329777	20.43	ng/ul	99
91) Benzo(a)pyrene	24.85	252	328335	20.59	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	389465	20.51	ng/ul	99
93) Dibenzo(a,h)anthracene	28.81	278	325280	20.64	ng/ul	98
94) Benzo(g,h,i)perylene	29.91	276	308103	19.79	ng/ul	97

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

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