Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080415\
Data File : BG018255.D
Acq On : 4 Aug 2015 16:32
Operator : UM/TP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 05 02:16:09 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:54:30 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD02098

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	38174	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.23	136	168966	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	120520	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.89	188	301751	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	291138	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	209180	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.93	96	3516	6.95	ng/uL	-0.01
5) Phenol-d5	6.65	99	60844	17.73	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	30634	17.46	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.99	132	50889	19.63	ng/ul	-0.01
13) 4-Methylphenol-d8	8.18	113	51020	18.25	ng/ul	-0.01
19) Nitrobenzene-d5	8.60	128	28179	21.17	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.33	143	31878	20.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	55329	20.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	72717	21.61	ng/ul	-0.01
44) Dimethylphthalate-d6	13.55	166	184393	19.80	ng/ul	-0.01
47) Acenaphthylene-d8	13.82	160	207088	19.18	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.39	143	31009	17.99	ng/ul	0.00
58) Fluorene-d10	15.13	176	161440	19.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	38388	18.22	ng/ul	0.00
71) Anthracene-d10	16.99	188	257533	19.63	ng/ul	0.00
79) Pyrene-d10	19.30	212	286310	20.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.13	264	214221	20.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.96	88	4785	8.21	ng/uL#	84
4) Benzaldehyde	6.59	77	34425	18.55	ng/ul	85
6) Phenol	6.68	94	58898	16.90	ng/ul#	73
8) Bis(2-Chloroethyl)ether	6.88	93	42497	16.84	ng/ul	97
10) 2-Chlorophenol	7.02	128	48488	19.32	ng/ul#	82
11) 2-Methylphenol	7.92	108	48607	17.67	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.99	45	35383	15.94	ng/ul#	83
14) Acetophenone	8.27	105	80414	18.49	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.26	70	40298	16.32	ng/ul#	88
16) 4-Methylphenol	8.25	108	52393	17.21	ng/ul	89
17) Hexachloroethane	8.51	117	23401	20.08	ng/ul	97
20) Nitrobenzene	8.65	77	60962	19.16	ng/ul	87
21) Isophorone	9.17	82	120454	18.30	ng/ul#	88
23) 2-Nitrophenol	9.36	139	32151	20.63	ng/ul#	61
24) 2,4-Dimethylphenol	9.44	107	69093	20.58	ng/ul	84
25) Bis(2-Chloroethoxy)methane	9.66	93	59950	17.62	ng/ul	94
27) 2,4-Dichlorophenol	9.90	162	52331	19.96	ng/ul	97
28) Naphthalene	10.28	128	160251	19.70	ng/ul	99
30) 4-Chloroaniline	10.40	127	70755	20.85	ng/ul	99
31) Hexachlorobutadiene	10.57	225	40625	22.21	ng/ul	94
32) Caprolactam	11.16	113	27371m	21.35	ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	65947	19.71	ng/ul#	84
34) 2-Methylnaphthalene	11.91	142	125501	19.49	ng/ul	98

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Quant Time: Aug 05 02:16:09 2015
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.14	142	122142	19.77	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	67123	19.85	ng/ul#	88
38) Hexachlorocyclopentadiene	12.27	237	25714	14.85	ng/ul	91
39) 2,4,6-Trichlorophenol	12.55	196	47531	20.88	ng/ul	97
40) 2,4,5-Trichlorophenol	12.63	196	51638	20.96	ng/ul	98
41) 1,1'-Biphenyl	12.95	154	163137	18.94	ng/ul	99
42) 2-Chloronaphthalene	12.99	162	125309	19.26	ng/ul#	90
43) 2-Nitroaniline	13.21	65	40927	18.27	ng/ul#	74
45) Dimethylphthalate	13.59	163	183071	19.76	ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	41812	19.67	ng/ul#	78
48) Acenaphthylene	13.85	152	211085	19.68	ng/ul	98
49) 3-Nitroaniline	14.05	138	39046	20.85	ng/ul#	70
50) Acenaphthene	14.19	153	136585	19.55	ng/ul	99
51) 2,4-Dinitrophenol	14.28	184	14471m	11.49	ng/ul	
53) 4-Nitrophenol	14.40	109	34433	19.79	ng/ul#	69
54) Dibenzofuran	14.53	168	202442	19.24	ng/ul#	84
55) 2,4-Dinitrotoluene	14.52	165	61334	19.87	ng/ul#	65
56) 2,3,4,6-Tetrachlorophenol	14.77	232	45051	18.57	ng/ul#	87
57) Diethylphthalate	14.97	149	203287	21.18	ng/ul	97
59) Fluorene	15.19	166	175562	19.34	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.19	204	92872	18.95	ng/ul	93
61) 4-Nitroaniline	15.22	138	39598	18.81	ng/ul#	31
64) 4,6-Dinitro-2-methylphenol	15.29	198	39609	17.78	ng/ul#	90
65) N-Nitrosodiphenylamine	15.41	169	156080	19.96	ng/ul	99
66) 4-Bromophenyl-phenylether	16.08	248	65089	20.36	ng/ul#	89
67) Hexachlorobenzene	16.20	284	76698	19.87	ng/ul	99
68) Atrazine	16.37	200	73920	21.49	ng/ul	90
69) Pentachlorophenol	16.55	266	27497	13.04	ng/ul	97
70) Phenanthrene	16.93	178	301732	19.68	ng/ul	98
72) Anthracene	17.02	178	298643	19.58	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.91	216	67131	19.72	ng/uL	95
74) Pentachlorobenzene	14.46	250	76125	19.96	ng/uL	96
75) Carbazole	17.30	167	267435	21.10	ng/ul	98
76) Di-n-butylphthalate	17.87	149	361970	21.47	ng/ul#	97
77) Fluoranthene	18.96	202	357607	21.24	ng/ul	96
80) Pyrene	19.33	202	362737	20.54	ng/ul#	94
81) Butylbenzylphthalate	20.24	149	155594	21.69	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.03	252	122706	19.99	ng/ul#	93
83) Benzo(a)anthracene	21.08	228	310888	19.83	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	197571	20.41	ng/ul	97
85) Chrysene	21.14	228	284371	19.80	ng/ul	99
87) Di-n-octyl phthalate	21.88	149	272098	24.63	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	260362	20.72	ng/ul#	95
89) Benzo(k)fluoranthene	22.66	252	250239	21.67	ng/ul#	96
91) Benzo(a)pyrene	23.17	252	215506	19.17	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.46	276	253998	19.53	ng/ul#	86
93) Dibenzo(a,h)anthracene	25.47	278	225938	20.29	ng/ul#	88
94) Benzo(g,h,i)perylene	26.13	276	213808	20.13	ng/ul#	88

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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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