Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG032216\
Data File : BG021479.D
Acq On : 22 Mar 2016 19:17
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 23 04:26:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 23 03:32:13 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02015

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	10366	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	51876	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	33901	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	75851	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	87190	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	83159	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2104	9.11	ng/uL	0.00
5) Phenol-d5	7.33	99	22037	22.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	13639	23.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	16551	22.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	20887	24.88	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	8799	22.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	10075	22.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	18365	23.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	24260	23.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	60045	21.27	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	76491	21.98	ng/ul	0.00
52) 4-Nitrophenol-d4	15.07	143	6946	15.39	ng/ul	0.00
58) Fluorene-d10	15.67	176	53741	21.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	10145	20.25	ng/ul	0.00
71) Anthracene-d10	17.52	188	78738	21.18	ng/ul	0.00
79) Pyrene-d10	19.79	212	88034	21.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	81579	21.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	2859	9.16	ng/uL#	91
4) Benzaldehyde	7.21	77	14744	24.69	ng/ul	98
6) Phenol	7.36	94	23537	22.71	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.49	93	16519	22.03	ng/ul	91
10) 2-Chlorophenol	7.67	128	17202	22.49	ng/ul	96
11) 2-Methylphenol	8.58	108	18494	23.19	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.60	45	20101	22.22	ng/ul#	21
14) Acetophenone	8.90	105	31125	22.73	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.87	70	17607	23.19	ng/ul#	95
16) 4-Methylphenol	8.91	108	20653	22.83	ng/ul	85
17) Hexachloroethane	9.15	117	6882	21.44	ng/ul	89
20) Nitrobenzene	9.28	77	24864	22.62	ng/ul	99
21) Isophorone	9.79	82	47933	22.62	ng/ul	96
23) 2-Nitrophenol	9.99	139	10636	21.66	ng/ul	97
24) 2,4-Dimethylphenol	10.09	107	25218	22.75	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.28	93	24502	22.20	ng/ul#	98
27) 2,4-Dichlorophenol	10.59	162	18877	22.86	ng/ul	98
28) Naphthalene	10.93	128	60261	21.91	ng/ul	98
30) 4-Chloroaniline	11.04	127	25374	23.25	ng/ul	97
31) Hexachlorobutadiene	11.20	225	13099	21.54	ng/ul	97
32) Caprolactam	11.79	113	6314m	20.36	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	23673	23.47	ng/ul	94
34) 2-Methylnaphthalene	12.52	142	45935	22.50	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	44503	22.47	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	26082	21.98	ng/ul	94
38) Hexachlorocyclopentadiene	12.86	237	6910	15.90	ng/ul#	94
39) 2,4,6-Trichlorophenol	13.15	196	16325	23.40	ng/ul#	92
40) 2,4,5-Trichlorophenol	13.30	196	17523	23.02	ng/ul	97
41) 1,1'-Biphenyl	13.52	154	61593	22.21	ng/ul	95
42) 2-Chloronaphthalene	13.57	162	47612	21.95	ng/ul	99
43) 2-Nitroaniline	13.78	65	17007	22.48	ng/ul	93
45) Dimethylphthalate	14.13	163	63332	21.59	ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	13260	22.16	ng/ul	92
48) Acenaphthylene	14.41	152	75825	22.00	ng/ul	98
49) 3-Nitroaniline	14.61	138	12416	22.42	ng/ul#	76
50) Acenaphthene	14.75	153	52201	21.95	ng/ul	97
51) 2,4-Dinitrophenol	14.81	184	5013	16.63	ng/ul#	77
53) 4-Nitrophenol	15.09	109	8733m	18.66	ng/ul	
54) Dibenzofuran	15.08	168	72159	21.66	ng/ul	96
55) 2,4-Dinitrotoluene	15.05	165	18265	20.81	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.33	232	12662	22.75	ng/ul#	89
57) Diethylphthalate	15.49	149	63372	20.22	ng/ul	99
59) Fluorene	15.72	166	60329	20.71	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.72	204	32415	21.19	ng/ul	96
61) 4-Nitroaniline	15.76	138	10878	18.75	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	10962	20.72	ng/ul#	98
65) N-Nitrosodiphenylamine	15.93	169	52787	22.46	ng/ul	99
66) 4-Bromophenyl-phenylether	16.60	248	19604	22.13	ng/ul	92
67) Hexachlorobenzene	16.72	284	20663	22.11	ng/ul	96
68) Atrazine	16.87	200	19461	20.53	ng/ul	93
69) Pentachlorophenol	17.09	266	4490	18.17	ng/ul	90
70) Phenanthrene	17.46	178	91169	21.22	ng/ul	100
72) Anthracene	17.56	178	94176	21.55	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	25984	24.47	ng/uL	96
74) Pentachlorobenzene	14.99	250	26252	23.81	ng/uL	98
75) Carbazole	17.83	167	77560	20.51	ng/ul	97
76) Di-n-butylphthalate	18.36	149	99954	20.49	ng/ul	99
77) Fluoranthene	19.46	202	107137	20.67	ng/ul	96
80) Pyrene	19.82	202	111569	21.48	ng/ul#	94
81) Butylbenzylphthalate	20.69	149	47805	21.79	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.57	252	39754	21.98	ng/ul	97
83) Benzo(a)anthracene	21.66	228	114682	21.79	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	68738	21.42	ng/ul	97
85) Chrysene	21.72	228	107829	21.63	ng/ul	98
87) Di-n-octyl phthalate	22.74	149	121561	21.53	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	117617m	22.02	ng/ul	
89) Benzo(k)fluoranthene	23.93	252	111762	21.30	ng/ul	99
91) Benzo(a)pyrene	24.74	252	112515	21.70	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.55	276	126559	21.47	ng/ul#	94
93) Dibenzo(a,h)anthracene	28.61	278	107743	21.49	ng/ul#	95
94) Benzo(g,h,i)perylene	29.70	276	104573	21.58	ng/ul	99

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

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