Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG050916\
Data File : BG021802.D
Acq On : 9 May 2016 10:36
Operator : UM/SJ
Sample : SSTD01008
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 09 13:32:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 09 12:51:39 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD01008

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	51813m	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	264771	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	172536	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	442747	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	482859	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	458643	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	4415	3.82	ng/uL	0.00
5) Phenol-d5	7.34	99	29031	5.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	17192	5.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	26837	7.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	22798	5.43	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	15652	7.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	9296m	4.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	26126	6.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	35415m	6.67	ng/ul	0.01
44) Dimethylphthalate-d6	14.21	166	123688m	8.61	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	178307	10.07	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	15569m	6.78	ng/ul	0.00
58) Fluorene-d10	15.79	176	136683	10.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	5224	1.79	ng/ul	0.00
71) Anthracene-d10	17.64	188	222739	10.27	ng/ul	0.00
77) Pyrene-d10	19.92	212	238369	10.59	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	220612	10.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	8417	5.40	ng/uL#	75
4) Benzaldehyde	7.35	77	3215m	1.08	ng/ul	
6) Phenol	7.37	94	35551m	6.86	ng/ul	
8) Bis(2-Chloroethyl)ether	7.61	93	34198m	9.12	ng/ul	
10) 2-Chlorophenol	7.75	128	25838	6.76	ng/ul#	79
11) 2-Methylphenol	8.63	108	26413m	6.63	ng/ul	
12) 2,2'-oxybis(1-Chloropropan	8.72	45	30581	6.76	ng/ul#	85
14) Acetophenone	9.02	105	55176m	8.06	ng/ul	
15) N-Nitroso-di-n-propylamine	8.99	70	23223	6.12	ng/ul#	74
16) 4-Methylphenol	8.95	108	30492m	6.74	ng/ul	
17) Hexachloroethane	9.28	117	13456	8.39	ng/ul	96
20) Nitrobenzene	9.40	77	28102	5.01	ng/ul#	75
21) Isophorone	9.92	82	79106	7.31	ng/ul#	88
23) 2-Nitrophenol	10.12	139	11151m	4.45	ng/ul	
24) 2,4-Dimethylphenol	10.17	107	32215m	5.69	ng/ul	
25) Bis(2-Chloroethoxy)methane	10.40	93	42436m	7.53	ng/ul	
27) 2,4-Dichlorophenol	10.65	162	26436m	6.27	ng/ul	
28) Naphthalene	11.06	128	135649	9.66	ng/ul	98
30) 4-Chloroaniline	11.19	127	38365m	6.89	ng/ul	
31) Hexachlorobutadiene	11.34	225	21612	6.96	ng/ul	94
32) Caprolactam	11.94	113	11210m	7.08	ng/ul	
33) 4-Chloro-3-methylphenol	12.27	107	23186	4.50	ng/ul#	67
34) 2-Methylnaphthalene	12.65	142	99419m	9.54	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.86	142	97318	9.63	ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	46937	7.77	ng/ul#	86
38) Hexachlorocyclopentadiene	12.98	237	20972	9.48	ng/ul#	82
39) 2,4,6-Trichlorophenol	13.25	196	18419	5.19	ng/ul	97
40) 2,4,5-Trichlorophenol	13.32	196	32352m	8.35	ng/ul	
41) 1,1'-Biphenyl	13.64	154	140112	9.93	ng/ul#	92
42) 2-Chloronaphthalene	13.69	162	103805	9.40	ng/ul	95
43) 2-Nitroaniline	13.90	65	15289m	3.97	ng/ul	
45) Dimethylphthalate	14.25	163	129787	8.69	ng/ul	97
46) 2,6-Dinitrotoluene	14.37	165	22915	7.52	ng/ul#	78
48) Acenaphthylene	14.53	152	181820	10.36	ng/ul	98
49) 3-Nitroaniline	14.72	138	25499	9.05	ng/ul#	69
50) Acenaphthene	14.87	153	127532	10.54	ng/ul	99
51) 2,4-Dinitrophenol	14.94	184	1123m	0.73	ng/ul	
53) 4-Nitrophenol	15.02	109	6875	2.89	ng/ul#	46
54) Dibenzofuran	15.20	168	172079	10.15	ng/ul#	81
55) 2,4-Dinitrotoluene	15.16	165	33695	7.54	ng/ul#	58
56) 2,3,4,6-Tetrachlorophenol	15.42	232	19650	6.94	ng/ul#	90
57) Diethylphthalate	15.60	149	126944	7.96	ng/ul	99
59) Fluorene	15.85	166	150257	10.14	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.84	204	68784	8.84	ng/ul#	85
61) 4-Nitroaniline	15.88	138	29413	9.96	ng/ul#	42
64) 4,6-Dinitro-2-methylphenol	15.91	198	5133	1.66	ng/ul#	83
65) N-Nitrosodiphenylamine	16.05	169	126178	9.20	ng/ul	94
66) 4-Bromophenyl-phenylether	16.74	248	44009	8.51	ng/ul#	83
67) Hexachlorobenzene	16.84	284	51750	9.49	ng/ul#	84
68) Atrazine	16.99	200	31713	5.73	ng/ul#	92
69) Pentachlorophenol	17.20	266	11906m	8.25	ng/ul	
70) Phenanthrene	17.59	178	249586	9.95	ng/ul	99
72) Anthracene	17.68	178	256420	10.05	ng/ul	99
73) Carbazole	17.95	167	229623	10.40	ng/ul#	95
74) Di-n-butylphthalate	18.50	149	177583	6.24	ng/ul#	96
75) Fluoranthene	19.59	202	293585	9.70	ng/ul#	95
78) Pyrene	19.95	202	303284m	10.54	ng/ul	
79) Butylbenzylphthalate	20.83	149	43189	3.55	ng/ul#	78
80) 3,3'-Dichlorobenzidine	21.73	252	61646	6.16	ng/ul	99
81) Benzo(a)anthracene	21.81	228	283003	9.71	ng/ul	100
82) Bis(2-ethylhexyl)phthalate	21.70	149	74529	4.19	ng/ul	100
83) Chrysene	21.88	228	282136	10.22	ng/ul	99
85) Di-n-octyl phthalate	22.96	149	121367	3.90	ng/ul	100
86) Benzo(b)fluoranthene	24.10	252	264438	8.98	ng/ul#	96
87) Benzo(k)fluoranthene	24.17	252	295234	10.20	ng/ul#	96
89) Benzo(a)pyrene	25.01	252	267539	9.35	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.98	276	309908m	9.53	ng/ul	
91) Dibenzo(a,h)anthracene	29.05	278	257781	9.32	ng/ul#	93
92) Benzo(g,h,i)perylene	30.17	276	254113	9.51	ng/ul#	90

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

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