Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050916\
Data File : BG021803.D
Acq On : 9 May 2016 11:15
Operator : UM/SJ
Sample : SSTD02009
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 09 13:17:41 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 : SSTD02009

Manual Integrations APPROVED
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5/10/2016 7:02:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	55129	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	295870	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	197108	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	467508	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	499430	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	476958	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	9427	7.67	ng/uL	0.00
5) Phenol-d5	7.33	99	74592	14.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	40517	13.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	67275	17.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	66166	14.82	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	42316	19.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	23910	9.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	74438m	16.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	85169m	14.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	288266m	17.56	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	398490	19.70	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	42570	16.23	ng/ul	0.00
58) Fluorene-d10	15.79	176	295844	19.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	17565	5.69	ng/ul	0.00
71) Anthracene-d10	17.65	188	448780	19.59	ng/ul	0.00
77) Pyrene-d10	19.92	212	475977	20.44	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	459378	20.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	16321	9.84	ng/uL#	62
4) Benzaldehyde	7.34	77	8520m	2.68	ng/ul	
6) Phenol	7.36	94	86925m	15.77	ng/ul	
8) Bis(2-Chloroethyl)ether	7.60	93	75363m	18.89	ng/ul	
10) 2-Chlorophenol	7.75	128	67382	16.56	ng/ul#	74
11) 2-Methylphenol	8.63	108	65222	15.38	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.72	45	67142	13.96	ng/ul#	83
14) Acetophenone	9.02	105	113780	15.62	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.99	70	54829	13.58	ng/ul#	74
16) 4-Methylphenol	8.95	108	72993	15.17	ng/ul	86
17) Hexachloroethane	9.27	117	28206	16.52	ng/ul	92
20) Nitrobenzene	9.40	77	75850	12.10	ng/ul#	69
21) Isophorone	9.92	82	178804	14.79	ng/ul#	85
23) 2-Nitrophenol	10.11	139	28343	10.12	ng/ul#	55
24) 2,4-Dimethylphenol	10.16	107	79647m	12.60	ng/ul	
25) Bis(2-Chloroethoxy)methane	10.40	93	102794	16.33	ng/ul#	97
27) 2,4-Dichlorophenol	10.65	162	74879m	15.90	ng/ul	
28) Naphthalene	11.05	128	297758	18.98	ng/ul	98
30) 4-Chloroaniline	11.17	127	81646m	13.12	ng/ul	
31) Hexachlorobutadiene	11.34	225	47077	13.57	ng/ul	98
32) Caprolactam	11.95	113	30253m	17.10	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	79042m	13.74	ng/ul	
34) 2-Methylnaphthalene	12.65	142	216722	18.62	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.86	142	221028	19.57 ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	13.00	216	109285	15.84 ng/ul#	90
38) Hexachlorocyclopentadiene	12.99	237	49122	19.44 ng/ul#	94
39) 2,4,6-Trichlorophenol	13.25	196	53076	13.08 ng/ul	96
40) 2,4,5-Trichlorophenol	13.32	196	78198m	17.67 ng/ul	
41) 1,1'-Biphenyl	13.65	154	306745	19.02 ng/ul	96
42) 2-Chloronaphthalene	13.69	162	237927	18.87 ng/ul	95
43) 2-Nitroaniline	13.89	65	39862m	9.06 ng/ul	
45) Dimethylphthalate	14.25	163	300341	17.61 ng/ul	98
46) 2,6-Dinitrotoluene	14.37	165	57845	16.62 ng/ul#	65
48) Acenaphthylene	14.53	152	414751	20.69 ng/ul	98
49) 3-Nitroaniline	14.72	138	65562	20.37 ng/ul#	66
50) Acenaphthene	14.87	153	279820	20.24 ng/ul	94
51) 2,4-Dinitrophenol	14.93	184	7829m	4.47 ng/ul	
53) 4-Nitrophenol	15.01	109	19316	7.10 ng/ul#	41
54) Dibenzofuran	15.20	168	379087m	19.57 ng/ul	
55) 2,4-Dinitrotoluene	15.16	165	80475	15.77 ng/ul#	55
56) 2,3,4,6-Tetrachlorophenol	15.43	232	51815	16.01 ng/ul#	90
57) Diethylphthalate	15.61	149	292576	16.05 ng/ul	98
59) Fluorene	15.85	166	327327	19.33 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.84	204	151774	17.07 ng/ul#	87
61) 4-Nitroaniline	15.87	138	73102	21.67 ng/ul#	44
64) 4,6-Dinitro-2-methylphenol	15.92	198	19599	6.01 ng/ul#	76
65) N-Nitrosodiphenylamine	16.05	169	279668	19.31 ng/ul	93
66) 4-Bromophenyl-phenylether	16.74	248	96400m	17.65 ng/ul	
67) Hexachlorobenzene	16.85	284	111235m	19.31 ng/ul	
68) Atrazine	16.99	200	77340	13.24 ng/ul	95
69) Pentachlorophenol	17.19	266	34220m	22.46 ng/ul	
70) Phenanthrene	17.59	178	518637	19.59 ng/ul	96
72) Anthracene	17.68	178	540927	20.08 ng/ul	100
73) Carbazole	17.95	167	478235	20.52 ng/ul#	96
74) Di-n-butylphthalate	18.49	149	453765	15.09 ng/ul#	97
75) Fluoranthene	19.59	202	589879	18.46 ng/ul#	94
78) Pyrene	19.95	202	591368m	19.87 ng/ul	
79) Butylbenzylphthalate	20.82	149	121887	9.70 ng/ul#	84
80) 3,3'-Dichlorobenzidine	21.72	252	160724	15.52 ng/ul	97
81) Benzo(a)anthracene	21.81	228	571991	18.97 ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.71	149	210108	11.43 ng/ul	97
83) Chrysene	21.88	228	547039	19.16 ng/ul	97
85) Di-n-octyl phthalate	22.96	149	331887	10.25 ng/ul	100
86) Benzo(b)fluoranthene	24.10	252	542092	17.69 ng/ul#	96
87) Benzo(k)fluoranthene	24.17	252	591075	19.64 ng/ul#	97
89) Benzo(a)pyrene	25.01	252	556291	18.70 ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.99	276	645867	19.11 ng/ul#	92
91) Dibenzo(a,h)anthracene	29.06	278	540717	18.80 ng/ul#	95
92) Benzo(g,h,i)perylene	30.18	276	533554m	19.20 ng/ul	

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

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