Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG120216\
Data File : BG024957.D
Acq On : 2 Dec 2016 15:01
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 02 23:46:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 01:03:36 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
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12/5/2016 11:19:25 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	105164	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	418522	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	345357	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	810219m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1079312	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1129399	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	14915	7.33	ng/uL	0.00
5) Phenol-d5	7.38	99	161318	17.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	106882	19.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	118862	18.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	140834	18.57	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	62414	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	71886	19.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	143437	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	156963	22.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	475027	20.00	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	535492	20.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	83416	20.43	ng/ul	0.00
57) Fluorene-d10	15.85	176	450669	20.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	97219	19.41	ng/ul	0.00
70) Anthracene-d10	17.70	188	698294	20.42	ng/ul	0.00
76) Pyrene-d10	19.98	212	911408	20.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	952666	20.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	18865	7.11	ng/uL	90
4) Benzaldehyde	7.38	77	133581	19.56	ng/ul	94
6) Phenol	7.41	94	171898	18.46	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.66	93	129745	19.04	ng/ul#	83
10) 2-Chlorophenol	7.80	128	119982	18.81	ng/ul	95
11) 2-Methylphenol	8.68	108	129543	18.89	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.77	45	223673	19.30	ng/ul	98
14) Acetophenone	9.07	105	211612	18.34	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.04	70	121261	18.20	ng/ul#	87
16) 4-Methylphenol	9.00	108	142801	18.72	ng/ul	99
17) Hexachloroethane	9.34	117	54784	19.39	ng/ul	98
20) Nitrobenzene	9.47	77	182689	20.06	ng/ul	97
21) Isophorone	9.98	82	338368	19.63	ng/ul	99
23) 2-Nitrophenol	10.18	139	74558	19.89	ng/ul	88
24) 2,4-Dimethylphenol	10.22	107	178510	20.83	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.46	93	178282	20.30	ng/ul	97
27) 2,4-Dichlorophenol	10.71	162	144377	20.93	ng/ul	98
28) Naphthalene	11.12	128	387760	19.93	ng/ul#	96
30) 4-Chloroaniline	11.23	127	151739	21.26	ng/ul	99
31) Hexachlorobutadiene	11.39	225	117692	19.84	ng/ul	96
32) Caprolactam	11.98	113	56519	19.73	ng/ul#	79
33) 4-Chloro-3-methylphenol	12.33	107	166390	19.57	ng/ul	94
34) 2-Methylnaphthalene	12.71	142	306693	19.98	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	217126	20.86 ng/ul#	96
37) Hexachlorocyclopentadiene	13.04	237	119559	19.57 ng/ul	93
38) 2,4,6-Trichlorophenol	13.30	196	128931	19.72 ng/ul	93
39) 2,4,5-Trichlorophenol	13.38	196	149374	20.84 ng/ul	97
40) 1,1'-Biphenyl	13.70	154	434038	20.73 ng/ul	94
41) 2-Chloronaphthalene	13.75	162	335365	20.12 ng/ul	97
42) 2-Nitroaniline	13.95	65	137038	21.00 ng/ul	89
44) Dimethylphthalate	14.30	163	473076	20.26 ng/ul	98
45) 2,6-Dinitrotoluene	14.44	165	96154	19.17 ng/ul#	95
47) Acenaphthylene	14.59	152	506501	20.02 ng/ul	97
48) 3-Nitroaniline	14.77	138	95728	22.03 ng/ul#	91
49) Acenaphthene	14.93	153	353360	20.39 ng/ul	100
50) 2,4-Dinitrophenol	14.97	184	62780	19.26 ng/ul#	81
52) 4-Nitrophenol	15.06	109	101394	20.65 ng/ul	98
53) Dibenzofuran	15.26	168	554240	20.22 ng/ul	97
54) 2,4-Dinitrotoluene	15.22	165	154295	20.41 ng/ul	85
55) 2,3,4,6-Tetrachlorophenol	15.48	232	150655	19.89 ng/ul	97
56) Diethylphthalate	15.65	149	484064	19.58 ng/ul	94
58) Fluorene	15.91	166	445023	19.94 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.89	204	252360	20.08 ng/ul	92
60) 4-Nitroaniline	15.93	138	107973	20.61 ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.98	198	105437m	20.32 ng/ul	
64) N-Nitrosodiphenylamine	16.10	169	420695	20.18 ng/ul	96
65) 4-Bromophenyl-phenylether	16.79	248	187175	20.45 ng/ul	98
66) Hexachlorobenzene	16.90	284	212189	20.59 ng/ul#	93
67) Atrazine	17.04	200	200194	20.20 ng/ul	99
68) Pentachlorophenol	17.25	266	115822m	18.72 ng/ul	
69) Phenanthrene	17.65	178	801286m	20.72 ng/ul	
71) Anthracene	17.74	178	827533	20.81 ng/ul	98
72) Carbazole	18.01	167	725799	21.88 ng/ul	99
73) Di-n-butylphthalate	18.53	149	864776	20.65 ng/ul	98
74) Fluoranthene	19.64	202	1065314	23.18 ng/ul	98
77) Pyrene	20.01	202	1060064	20.43 ng/ul	99
78) Butylbenzylphthalate	20.86	149	416807	20.52 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.79	252	420160	22.33 ng/ul	98
80) Benzo(a)anthracene	21.87	228	1164814	20.77 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.73	149	589844	21.10 ng/ul#	98
82) Chrysene	21.95	228	1094315	20.86 ng/ul	99
84) Di-n-octyl phthalate	23.00	149	983142	21.44 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1171743m	20.92 ng/ul	
86) Benzo(k)fluoranthene	24.29	252	1096521	20.60 ng/ul	96
88) Benzo(a)pyrene	25.15	252	1105285	20.53 ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.24	276	1370850	20.48 ng/ul	96
90) Dibenzo(a,h)anthracene	29.29	278	1161444	20.60 ng/ul	97
91) Benzo(g,h,i)perylene	30.46	276	1141143	20.43 ng/ul	98

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

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