Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025284.D
Acq On : 17 Dec 2016 21:27
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02018

Manual Integrations APPROVED

Quant Time: Dec 18 00:28:20 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 00:18:21 2016
Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	101875	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	422615	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	327313	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	712837	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	883571	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	916098	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	14483	7.34	ng/uL	0.00
5) Phenol-d5	7.40	99	174367	19.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	112343	20.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	129009	20.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	149757	20.39	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	64663	21.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	81866	21.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	155603	21.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	173003	24.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	458809	20.38	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	532944	21.61	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	81217	20.99	ng/ul	0.00
57) Fluorene-d10	15.85	176	433739	20.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	99155	22.50	ng/ul	0.00
70) Anthracene-d10	17.70	188	635561	21.12	ng/ul	0.00
76) Pyrene-d10	19.98	212	760669	20.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	799094	21.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	17687	6.88	ng/uL	98
4) Benzaldehyde	7.37	77	144721	21.87	ng/ul	96
6) Phenol	7.43	94	187966	20.84	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.64	93	133623	20.24	ng/ul	91
10) 2-Chlorophenol	7.80	128	131794	21.33	ng/ul	90
11) 2-Methylphenol	8.68	108	141655	21.33	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.76	45	244542	21.78	ng/ul	99
14) Acetophenone	9.07	105	218999	19.59	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.04	70	128503	19.90	ng/ul	96
16) 4-Methylphenol	9.01	108	147337	19.94	ng/ul	95
17) Hexachloroethane	9.31	117	60090	21.95	ng/ul	95
20) Nitrobenzene	9.46	77	199829	21.73	ng/ul	93
21) Isophorone	9.98	82	351630	20.20	ng/ul	96
23) 2-Nitrophenol	10.17	139	80517	21.28	ng/ul	99
24) 2,4-Dimethylphenol	10.22	107	189628	21.91	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.45	93	187259	21.11	ng/ul	97
27) 2,4-Dichlorophenol	10.72	162	147679	21.20	ng/ul	94
28) Naphthalene	11.11	128	404207	20.58	ng/ul	96
30) 4-Chloroaniline	11.23	127	165441	22.95	ng/ul	100
31) Hexachlorobutadiene	11.37	225	135040	22.55	ng/ul	92
32) Caprolactam	12.01	113	53712m	18.57	ng/ul	
33) 4-Chloro-3-methylphenol	12.34	107	176813	20.59	ng/ul	97
34) 2-Methylnaphthalene	12.70	142	310100	20.00	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	219939	22.29 ng/ul#	93
37) Hexachlorocyclopentadiene	13.02	237	85474	14.76 ng/ul	94
38) 2,4,6-Trichlorophenol	13.31	196	139518	22.51 ng/ul	86
39) 2,4,5-Trichlorophenol	13.38	196	151369	22.29 ng/ul	96
40) 1,1'-Biphenyl	13.69	154	424716	21.40 ng/ul	99
41) 2-Chloronaphthalene	13.74	162	341919	21.64 ng/ul	95
42) 2-Nitroaniline	13.95	65	144331	23.34 ng/ul	92
44) Dimethylphthalate	14.30	163	453336	20.49 ng/ul	97
45) 2,6-Dinitrotoluene	14.44	165	97439	20.49 ng/ul	90
47) Acenaphthylene	14.58	152	509992	21.27 ng/ul	99
48) 3-Nitroaniline	14.78	138	94040	22.84 ng/ul#	95
49) Acenaphthene	14.92	153	355344	21.64 ng/ul	98
50) 2,4-Dinitrophenol	15.00	184	50475	16.34 ng/ul	87
52) 4-Nitrophenol	15.10	109	103405	22.22 ng/ul	93
53) Dibenzofuran	15.25	168	547845	21.09 ng/ul	100
54) 2,4-Dinitrotoluene	15.23	165	147672	20.61 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.48	232	159101	22.17 ng/ul#	97
56) Diethylphthalate	15.65	149	458067	19.55 ng/ul	96
58) Fluorene	15.90	166	429911	20.33 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.88	204	241218	20.26 ng/ul	86
60) 4-Nitroaniline	15.94	138	96140	19.36 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.00	198	99931	21.89 ng/ul#	98
64) N-Nitrosodiphenylamine	16.10	169	401352	21.89 ng/ul	97
65) 4-Bromophenyl-phenylether	16.78	248	180473	22.41 ng/ul	92
66) Hexachlorobenzene	16.90	284	207123	22.85 ng/ul	94
67) Atrazine	17.04	200	183128	21.01 ng/ul	97
68) Pentachlorophenol	17.26	266	122866	22.57 ng/ul	92
69) Phenanthrene	17.64	178	720943	21.19 ng/ul	99
71) Anthracene	17.74	178	745652	21.32 ng/ul	100
72) Carbazole	18.01	167	650582	22.29 ng/ul	99
73) Di-n-butylphthalate	18.52	149	769235	20.88 ng/ul	100
74) Fluoranthene	19.64	202	882945	21.84 ng/ul	99
77) Pyrene	20.01	202	891137	20.98 ng/ul	97
78) Butylbenzylphthalate	20.85	149	359962	21.65 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.78	252	378092	24.55 ng/ul	94
80) Benzo(a)anthracene	21.88	228	977030	21.28 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	496219	21.68 ng/ul	98
82) Chrysene	21.95	228	916607	21.35 ng/ul	98
84) Di-n-octyl phthalate	22.98	149	853400	22.94 ng/ul	100
85) Benzo(b)fluoranthene	24.23	252	960307	21.14 ng/ul	97
86) Benzo(k)fluoranthene	24.30	252	936375	21.68 ng/ul	98
88) Benzo(a)pyrene	25.16	252	945135	21.64 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.27	276	1169490m	21.54 ng/ul	
90) Dibenzo(a,h)anthracene	29.33	278	993033m	21.71 ng/ul	
91) Benzo(g,h,i)perylene	30.52	276	948551m	20.94 ng/ul	

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

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