Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG053116\
Data File : BG022110.D
Acq On : 31 May 2016 11:15
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
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6/1/2016 4:40:32 PM

Quant Time: Jun 01 01:04:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 18:06:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	36761	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	188204	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.77	164	113939	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.51	188	253510	20.00	ng/ul	-0.02
75) Chrysene-d12	21.79	240	222263	20.00	ng/ul	-0.02
83) Perylene-d12	25.10	264	223260	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	5543	7.86	ng/uL	-0.02
5) Phenol-d5	7.30	99	59942	18.05	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.45	67	30889	17.74	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.67	132	51141	18.42	ng/ul	-0.02
13) 4-Methylphenol-d8	8.85	113	52800	18.74	ng/ul	-0.02
19) Nitrobenzene-d5	9.31	128	26367	19.00	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.03	143	30668	20.40	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.58	165	50682	19.11	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.09	131	69504	24.06	ng/ul	-0.02
43) Dimethylphthalate-d6	14.16	166	168776	19.72	ng/ul	-0.02
46) Acenaphthylene-d8	14.46	160	215449	18.03	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.98	143	26643	18.08	ng/ul	-0.02
57) Fluorene-d10	15.75	176	152808	19.07	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.88	200	26874	20.28	ng/ul	-0.02
70) Anthracene-d10	17.61	188	221140	18.17	ng/ul	-0.02
76) Pyrene-d10	19.88	212	214246	17.09	ng/ul	-0.02
87) Benzo(a)pyrene-d12	24.87	264	188369	18.18	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	8976	7.02	ng/uL	99
4) Benzaldehyde	7.27	77	25359	13.85	ng/ul	97
6) Phenol	7.32	94	59501	17.79	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.55	93	47496	19.43	ng/ul	93
10) 2-Chlorophenol	7.70	128	50191	18.34	ng/ul	92
11) 2-Methylphenol	8.59	108	49002	18.34	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.66	45	50309	17.23	ng/ul	96
14) Acetophenone	8.96	105	78187	19.84	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.94	70	39910	19.62	ng/ul	96
16) 4-Methylphenol	8.91	108	53954	18.73	ng/ul	97
17) Hexachloroethane	9.23	117	18212	16.69	ng/ul#	82
20) Nitrobenzene	9.35	77	52461	18.67	ng/ul	91
21) Isophorone	9.87	82	118831	19.84	ng/ul	94
23) 2-Nitrophenol	10.07	139	32336	20.57	ng/ul	93
24) 2,4-Dimethylphenol	10.12	107	57210	18.86	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.35	93	69550	20.23	ng/ul	98
27) 2,4-Dichlorophenol	10.61	162	50557	19.42	ng/ul	99
28) Naphthalene	11.01	128	172554	18.08	ng/ul	98
30) 4-Chloroaniline	11.12	127	69452	23.92	ng/ul	96
31) Hexachlorobutadiene	11.28	225	26853	17.50	ng/ul	92
32) Caprolactam	11.88	113	23056	22.10	ng/ul	96
33) 4-Chloro-3-methylphenol	12.23	107	56306	20.31	ng/ul	97
34) 2-Methylnaphthalene	12.60	142	130172	19.08	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	57612	17.05	ng/ul	99
37) Hexachlorocyclopentadiene	12.94	237	29667	20.38	ng/ul	98
38) 2,4,6-Trichlorophenol	13.20	196	42709	18.71	ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	45927	18.96	ng/ul	97
40) 1,1'-Biphenyl	13.60	154	168837	18.00	ng/ul	98
41) 2-Chloronaphthalene	13.64	162	127951	17.76	ng/ul	97
42) 2-Nitroaniline	13.85	65	30408	18.72	ng/ul	93
44) Dimethylphthalate	14.21	163	169115	19.67	ng/ul	98
45) 2,6-Dinitrotoluene	14.34	165	37395	20.27	ng/ul	90
47) Acenaphthylene	14.49	152	218591	17.96	ng/ul	99
48) 3-Nitroaniline	14.67	138	33186	18.78	ng/ul	91
49) Acenaphthene	14.83	153	147647	17.56	ng/ul	99
50) 2,4-Dinitrophenol	14.88	184	17253	24.15	ng/ul	88
52) 4-Nitrophenol	15.00	109	15379	18.51	ng/ul	92
53) Dibenzofuran	15.16	168	194225	18.68	ng/ul	96
54) 2,4-Dinitrotoluene	15.13	165	51831	20.84	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.39	232	36631	19.12	ng/ul	93
56) Diethylphthalate	15.57	149	180358	20.21	ng/ul	99
58) Fluorene	15.81	166	165844	18.89	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.79	204	77653	19.64	ng/ul	94
60) 4-Nitroaniline	15.84	138	36627m	18.88	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.89	198	27751	20.24	ng/ul	99
64) N-Nitrosodiphenylamine	16.01	169	143204	17.87	ng/ul	99
65) 4-Bromophenyl-phenylether	16.69	248	45920	17.92	ng/ul	96
66) Hexachlorobenzene	16.81	284	52402	17.62	ng/ul	99
67) Atrazine	16.95	200	53160	19.25	ng/ul	100
68) Pentachlorophenol	17.16	266	24186m	15.62	ng/ul	
69) Phenanthrene	17.55	178	255939	18.15	ng/ul	99
71) Anthracene	17.64	178	260727	18.26	ng/ul	98
72) Carbazole	17.91	167	231487	18.70	ng/ul	99
73) Di-n-butylphthalate	18.45	149	302562	18.24	ng/ul	100
74) Fluoranthene	19.56	202	273042	18.95	ng/ul	99
77) Pyrene	19.91	202	268410	17.16	ng/ul	98
78) Butylbenzylphthalate	20.78	149	127506	17.20	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.68	252	79960	19.14	ng/ul	95
80) Benzo(a)anthracene	21.76	228	232840	17.86	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.65	149	193572	18.35	ng/ul	97
82) Chrysene	21.83	228	231207	18.49	ng/ul	98
84) Di-n-octyl phthalate	22.88	149	317550	17.46	ng/ul	100
85) Benzo(b)fluoranthene	24.04	252	238406	18.25	ng/ul	98
86) Benzo(k)fluoranthene	24.11	252	217384	17.10	ng/ul	96
88) Benzo(a)pyrene	24.94	252	226170	17.94	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.90	276	261580	18.10	ng/ul	95
90) Dibenzo(a,h)anthracene	28.95	278	215486	17.82	ng/ul	98
91) Benzo(g,h,i)perylene	30.08	276	219941	19.00	ng/ul	96

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

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