Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052716\
Data File : BG022102.D
Acq On : 27 May 2016 7:41
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02021

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5/27/2016 7:48:25 PM

Quant Time: May 27 18:20:40 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 27 05:50:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	52588	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	274617	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	155757	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	304726	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	247093	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	241111	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	6418	6.36	ng/uL	0.00
5) Phenol-d5	7.32	99	89067	18.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	45511	18.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	77461	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	78796	19.55	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	41814	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	45536	20.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	81048	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	94879	22.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	226301	19.34	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	313161	19.17	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	35878	17.81	ng/ul	0.02
57) Fluorene-d10	15.77	176	208958	19.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	24797	15.57	ng/ul	0.00
70) Anthracene-d10	17.63	188	275456	18.83	ng/ul	0.00
76) Pyrene-d10	19.90	212	258694	18.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	210049	18.78	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	12252	6.70	ng/uL	95
4) Benzaldehyde	7.29	77	35272	13.47	ng/ul	95
6) Phenol	7.34	94	89748	18.75	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.56	93	65520	18.74	ng/ul	95
10) 2-Chlorophenol	7.72	128	77570	19.81	ng/ul#	92
11) 2-Methylphenol	8.60	108	74348	19.45	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.68	45	75917	18.18	ng/ul	96
14) Acetophenone	8.98	105	109762	19.47	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.95	70	53471	18.38	ng/ul	94
16) 4-Methylphenol	8.93	108	80941	19.64	ng/ul	96
17) Hexachloroethane	9.24	117	28100	18.01	ng/ul	85
20) Nitrobenzene	9.37	77	77787	18.98	ng/ul	96
21) Isophorone	9.89	82	160908	18.41	ng/ul	96
23) 2-Nitrophenol	10.08	139	47959	20.91	ng/ul	99
24) 2,4-Dimethylphenol	10.14	107	84979	19.20	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.36	93	96077	19.15	ng/ul	100
27) 2,4-Dichlorophenol	10.63	162	78321	20.62	ng/ul	97
28) Naphthalene	11.03	128	269188	19.33	ng/ul	99
30) 4-Chloroaniline	11.13	127	92597	21.86	ng/ul	99
31) Hexachlorobutadiene	11.30	225	44075	19.68	ng/ul	93
32) Caprolactam	11.89	113	28811m	18.93	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	79959	19.77	ng/ul	98
34) 2-Methylnaphthalene	12.62	142	197258	19.82	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	92627	20.05	ng/ul	92
37) Hexachlorocyclopentadiene	12.96	237	27836	13.99	ng/ul	92
38) 2,4,6-Trichlorophenol	13.23	196	60894	19.52	ng/ul	95
39) 2,4,5-Trichlorophenol	13.31	196	63088	19.06	ng/ul	97
40) 1,1'-Biphenyl	13.61	154	248314	19.36	ng/ul	98
41) 2-Chloronaphthalene	13.67	162	189981	19.29	ng/ul	98
42) 2-Nitroaniline	13.87	65	41112	18.51	ng/ul	93
44) Dimethylphthalate	14.22	163	225457	19.18	ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	51514	20.43	ng/ul#	91
47) Acenaphthylene	14.51	152	316354	19.01	ng/ul	98
48) 3-Nitroaniline	14.69	138	43591	18.04	ng/ul#	98
49) Acenaphthene	14.85	153	215933	18.78	ng/ul	100
50) 2,4-Dinitrophenol	14.91	184	12112	12.40	ng/ul	89
52) 4-Nitrophenol	15.01	109	19535	17.20	ng/ul	87
53) Dibenzofuran	15.18	168	272939	19.20	ng/ul	96
54) 2,4-Dinitrotoluene	15.15	165	65792	19.35	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.41	232	50176	19.16	ng/ul#	97
56) Diethylphthalate	15.58	149	226983	18.61	ng/ul	99
58) Fluorene	15.83	166	227563	18.97	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.81	204	105992	19.61	ng/ul	93
60) 4-Nitroaniline	15.85	138	44219	16.67	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.91	198	25872	15.70	ng/ul#	96
64) N-Nitrosodiphenylamine	16.03	169	189569	19.68	ng/ul	98
65) 4-Bromophenyl-phenylether	16.70	248	61787	20.06	ng/ul	97
66) Hexachlorobenzene	16.83	284	71021	19.86	ng/ul	96
67) Atrazine	16.97	200	65298	19.68	ng/ul	94
68) Pentachlorophenol	17.18	266	27033	14.52	ng/ul	97
69) Phenanthrene	17.57	178	322373	19.02	ng/ul	99
71) Anthracene	17.66	178	330313	19.24	ng/ul	99
72) Carbazole	17.93	167	292245	19.64	ng/ul	99
73) Di-n-butylphthalate	18.46	149	366344	18.37	ng/ul	99
74) Fluoranthene	19.57	202	322110	18.60	ng/ul	98
77) Pyrene	19.93	202	318187	18.30	ng/ul	99
78) Butylbenzylphthalate	20.79	149	143907	17.47	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.70	252	83440	17.97	ng/ul	96
80) Benzo(a)anthracene	21.79	228	272079	18.77	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.66	149	204541	17.44	ng/ul	100
82) Chrysene	21.86	228	256515	18.45	ng/ul	96
84) Di-n-octyl phthalate	22.90	149	344916	17.56	ng/ul	100
85) Benzo(b)fluoranthene	24.07	252	256244	18.16	ng/ul	98
86) Benzo(k)fluoranthene	24.15	252	264824	19.28	ng/ul	98
88) Benzo(a)pyrene	24.98	252	253361	18.61	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.95	276	272856m	17.48	ng/ul	
90) Dibenzo(a,h)anthracene	29.03	278	213895	16.38	ng/ul	95
91) Benzo(g,h,i)perylene	30.16	276	201571m	16.12	ng/ul	

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

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