Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021369.D
Acq On : 8 Mar 2016 16:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02021

Manual Integrations APPROVED
UMANGI
3/9/2016 9:28:10 AM

Quant Time: Mar 09 01:02:28 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 00:13:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	11482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	55907	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	33576	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	76062	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	83045	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	75690	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	2003	7.27	ng/uL	0.00
5) Phenol-d5	7.27	99	24377	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	16056	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	16912	20.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	18871	19.87	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	9214	20.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	9569	20.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	16808	19.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	21986	20.69	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	52894	19.05	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	68198	19.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	10196	18.65	ng/ul	0.00
58) Fluorene-d10	15.72	176	48133	19.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	9168	17.17	ng/ul	0.00
71) Anthracene-d10	17.57	188	74295	19.82	ng/ul	0.00
79) Pyrene-d10	19.84	212	81048	19.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	80241	19.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	2520	7.41	ng/uL	96
4) Benzaldehyde	7.26	77	11031	15.15	ng/ul	96
6) Phenol	7.30	94	26401	20.39	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.54	93	19190	20.05	ng/ul	95
10) 2-Chlorophenol	7.68	128	18265	20.32	ng/ul	99
11) 2-Methylphenol	8.56	108	19262	20.07	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.65	45	31415	21.66	ng/ul	95
14) Acetophenone	8.95	105	31137	19.54	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.92	70	20006	20.31	ng/ul#	98
16) 4-Methylphenol	8.88	108	21111	19.86	ng/ul	98
17) Hexachloroethane	9.21	117	8261	21.12	ng/ul	96
20) Nitrobenzene	9.33	77	29253	20.40	ng/ul	98
21) Isophorone	9.85	82	51077	19.39	ng/ul	98
23) 2-Nitrophenol	10.04	139	10801	19.79	ng/ul	94
24) 2,4-Dimethylphenol	10.09	107	25699	20.05	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.33	93	27305	19.79	ng/ul	99
27) 2,4-Dichlorophenol	10.58	162	17784	20.20	ng/ul	92
28) Naphthalene	10.99	128	60970	19.62	ng/ul	99
30) 4-Chloroaniline	11.09	127	23961	20.61	ng/ul	96
31) Hexachlorobutadiene	11.26	225	11548	19.29	ng/ul	96
32) Caprolactam	11.84	113	6369m	18.84	ng/ul	
33) 4-Chloro-3-methylphenol	12.19	107	23792	19.95	ng/ul	97
34) 2-Methylnaphthalene	12.58	142	43034	19.20	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	41559	19.75	ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	21966	19.21	ng/ul	96
38) Hexachlorocyclopentadiene	12.91	237	11127	14.77	ng/ul#	88
39) 2,4,6-Trichlorophenol	13.17	196	15282	19.72	ng/ul	98
40) 2,4,5-Trichlorophenol	13.24	196	16740	20.11	ng/ul	85
41) 1,1'-Biphenyl	13.57	154	55953	19.27	ng/ul	97
42) 2-Chloronaphthalene	13.62	162	44207	19.92	ng/ul	95
43) 2-Nitroaniline	13.82	65	20724	21.61	ng/ul	87
45) Dimethylphthalate	14.18	163	56059	18.76	ng/ul#	99
46) 2,6-Dinitrotoluene	14.31	165	11609	18.89	ng/ul	89
48) Acenaphthylene	14.46	152	70724	19.49	ng/ul	98
49) 3-Nitroaniline	14.64	138	11115	18.58	ng/ul#	90
50) Acenaphthene	14.80	153	48144	19.38	ng/ul	97
51) 2,4-Dinitrophenol	14.84	184	6286	15.17	ng/ul	87
53) 4-Nitrophenol	14.93	109	12629	19.02	ng/ul	90
54) Dibenzofuran	15.13	168	65691	19.40	ng/ul	98
55) 2,4-Dinitrotoluene	15.09	165	17268	18.91	ng/ul	86
56) 2,3,4,6-Tetrachlorophenol	15.35	232	13774	18.57	ng/ul#	99
57) Diethylphthalate	15.53	149	61079	18.55	ng/ul	97
59) Fluorene	15.78	166	56344	19.06	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.76	204	27800	18.92	ng/ul	97
61) 4-Nitroaniline	15.79	138	11058	15.76	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.85	198	9731	16.83	ng/ul	99
65) N-Nitrosodiphenylamine	15.98	169	49467	20.00	ng/ul	96
66) 4-Bromophenyl-phenylether	16.66	248	17035	20.13	ng/ul	96
67) Hexachlorobenzene	16.77	284	17175	20.71	ng/ul	95
68) Atrazine	16.92	200	18941	20.12	ng/ul	92
69) Pentachlorophenol	17.11	266	10477	18.66	ng/ul	94
70) Phenanthrene	17.51	178	88172	19.52	ng/ul	99
72) Anthracene	17.60	178	89696	19.54	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	21116	20.67	ng/uL	95
74) Pentachlorobenzene	15.05	250	20337	20.05	ng/uL	97
75) Carbazole	17.87	167	78431	19.58	ng/ul	99
76) Di-n-butylphthalate	18.41	149	107506	19.90	ng/ul	99
77) Fluoranthene	19.51	202	102707	19.35	ng/ul	98
80) Pyrene	19.88	202	105427	19.14	ng/ul	97
81) Butylbenzylphthalate	20.74	149	50413	20.20	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.62	252	32430	18.42	ng/ul	98
83) Benzo(a)anthracene	21.71	228	103303	19.38	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	73999	19.96	ng/ul	96
85) Chrysene	21.78	228	96912	19.48	ng/ul	96
87) Di-n-octyl phthalate	22.82	149	125977	20.26	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	100815	19.57	ng/ul	99
89) Benzo(k)fluoranthene	24.02	252	97973	19.60	ng/ul	100
91) Benzo(a)pyrene	24.84	252	96705	19.40	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.69	276	108444	19.93	ng/ul	98
93) Dibenzo(a,h)anthracene	28.75	278	91150	19.49	ng/ul	98
94) Benzo(g,h,i)perylene	29.85	276	88382	21.64	ng/ul	99

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

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