Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030316\
Data File : BG021244.D
Acq On : 3 Mar 2016 21:37
Operator : UM/SJ
Sample : SSTD08005
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
UMANGI
3/7/2016 9:34:39 AM

Quant Time: Mar 04 01:38:11 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 01:23:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	11145	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	53485	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	29736	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	68631	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	77612	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	70643	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	8260	34.77	ng/uL	0.00
5) Phenol-d5	7.29	99	96995	84.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	61965	95.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	68750	78.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	74896	76.83	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	35240	81.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	37635	86.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	66558	80.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	79577	73.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	192618	75.96	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	249828	80.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	38926	77.62	ng/ul	0.01
58) Fluorene-d10	15.73	176	171904	79.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	40314	110.41	ng/ul	0.01
71) Anthracene-d10	17.58	188	266825	78.92	ng/ul	0.00
79) Pyrene-d10	19.85	212	305654	77.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	307051	78.85	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	9483	33.09	ng/uL	95
4) Benzaldehyde	7.27	77	63329	93.69	ng/ul	95
6) Phenol	7.32	94	101615	83.70	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.55	93	74214	80.68	ng/ul	98
10) 2-Chlorophenol	7.70	128	72404	79.81	ng/ul	96
11) 2-Methylphenol	8.57	108	76019	80.38	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.66	45	110591	104.78	ng/ul	98
14) Acetophenone	8.96	105	123183	81.50	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.96	70	75309	93.86	ng/ul#	98
16) 4-Methylphenol	8.91	108	81961	77.82	ng/ul	98
17) Hexachloroethane	9.22	117	30837	87.56	ng/ul	89
20) Nitrobenzene	9.34	77	107484	108.22	ng/ul	98
21) Isophorone	9.87	82	196900	92.44	ng/ul	98
23) 2-Nitrophenol	10.05	139	43196	85.62	ng/ul	90
24) 2,4-Dimethylphenol	10.11	107	98685	93.70	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.34	93	102140	79.25	ng/ul	99
27) 2,4-Dichlorophenol	10.59	162	68776	78.68	ng/ul	93
28) Naphthalene	10.99	128	231826	77.91	ng/ul	99
30) 4-Chloroaniline	11.10	127	87568	76.05	ng/ul	96
31) Hexachlorobutadiene	11.27	225	46530	104.22	ng/ul	94
32) Caprolactam	11.90	113	24849m	72.22	ng/ul	
33) 4-Chloro-3-methylphenol	12.21	107	87063	83.68	ng/ul	97
34) 2-Methylnaphthalene	12.59	142	166286	74.45	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.80	142	155961	73.94	ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	85785	98.08	ng/ul	98
38) Hexachlorocyclopentadiene	12.92	237	59227	116.75	ng/ul	95
39) 2,4,6-Trichlorophenol	13.18	196	58097	92.62	ng/ul	97
40) 2,4,5-Trichlorophenol	13.26	196	61413	89.26	ng/ul	95
41) 1,1'-Biphenyl	13.58	154	209681	80.42	ng/ul	98
42) 2-Chloronaphthalene	13.63	162	160986	83.36	ng/ul	99
43) 2-Nitroaniline	13.83	65	69763	117.79	ng/ul	97
45) Dimethylphthalate	14.20	163	205756	77.67	ng/ul#	99
46) 2,6-Dinitrotoluene	14.32	165	44911	85.60	ng/ul	98
48) Acenaphthylene	14.47	152	256878	76.53	ng/ul	99
49) 3-Nitroaniline	14.65	138	40584	70.11	ng/ul#	94
50) Acenaphthene	14.81	153	174830	74.49	ng/ul	95
51) 2,4-Dinitrophenol	14.85	184	32198	132.30	ng/ul	94
53) 4-Nitrophenol	14.95	109	47497	137.06	ng/ul	95
54) Dibenzofuran	15.14	168	234595	76.66	ng/ul	100
55) 2,4-Dinitrotoluene	15.10	165	65253	88.70	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.36	232	53016	89.01	ng/ul	97
57) Diethylphthalate	15.55	149	224960	80.00	ng/ul	99
59) Fluorene	15.79	166	208756	78.30	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.77	204	103035	87.38	ng/ul	98
61) 4-Nitroaniline	15.82	138	49514	75.13	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.87	198	43805	107.70	ng/ul#	91
65) N-Nitrosodiphenylamine	15.99	169	179090	76.66	ng/ul	96
66) 4-Bromophenyl-phenylether	16.66	248	61503	83.38	ng/ul	97
67) Hexachlorobenzene	16.78	284	63667	79.45	ng/ul	99
68) Atrazine	16.93	200	68787	87.94	ng/ul	98
69) Pentachlorophenol	17.12	266	42508	87.83	ng/ul#	90
70) Phenanthrene	17.52	178	319985	74.85	ng/ul	99
72) Anthracene	17.62	178	327996	76.54	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.55	216	78512	90.15	ng/uL#	89
74) Pentachlorobenzene	15.06	250	76240	87.01	ng/uL	97
75) Carbazole	17.88	167	287518	76.30	ng/ul	97
76) Di-n-butylphthalate	18.43	149	396997	80.63	ng/ul	100
77) Fluoranthene	19.52	202	388674	85.78	ng/ul	98
80) Pyrene	19.88	202	399802	72.76	ng/ul	97
81) Butylbenzylphthalate	20.75	149	188497	73.86	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.63	252	132737	79.18	ng/ul	99
83) Benzo(a)anthracene	21.72	228	397293	78.74	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	278822	72.40	ng/ul	100
85) Chrysene	21.79	228	371632	79.71	ng/ul	100
87) Di-n-octyl phthalate	22.84	149	468948	74.73	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	388428	80.07	ng/ul	99
89) Benzo(k)fluoranthene	24.04	252	383716	83.38	ng/ul	99
91) Benzo(a)pyrene	24.87	252	381686	82.85	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.73	276	418938	80.03	ng/ul	98
93) Dibenzo(a,h)anthracene	28.80	278	358825	82.82	ng/ul	99
94) Benzo(g,h,i)perylene	29.91	276	344431	80.00	ng/ul	99

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

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