Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021393.D
Acq On : 9 Mar 2016 11:05
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
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Quant Time: Mar 09 12:03:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 09 02:03:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	13776	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	65262	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	36736	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	80362	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	86438	20.00	ng/ul	0.01
86) Perylene-d12	25.02	264	81680	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	2421	7.33	ng/uL	0.00
5) Phenol-d5	7.28	99	27731	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	18153	19.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	21111	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	22260	19.53	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	10218	19.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	11063	19.96	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.56	165	19734	19.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	25213	20.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	56910	18.74	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	76274	19.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	10219	17.08	ng/ul	0.01
58) Fluorene-d10	15.73	176	51458	19.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	7795	13.82	ng/ul	0.01
71) Anthracene-d10	17.58	188	77390	19.54	ng/ul	0.00
79) Pyrene-d10	19.85	212	82704	19.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	84551	19.45	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	2950	7.23	ng/uL	97
4) Benzaldehyde	7.27	77	13754	15.74	ng/ul	96
6) Phenol	7.31	94	30126	19.39	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.54	93	21399	18.64	ng/ul	96
10) 2-Chlorophenol	7.69	128	22217	20.61	ng/ul	97
11) 2-Methylphenol	8.56	108	22198	19.28	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.66	45	33988	19.54	ng/ul	98
14) Acetophenone	8.95	105	35851	18.75	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.93	70	21914	18.55	ng/ul#	99
16) 4-Methylphenol	8.89	108	24792	19.44	ng/ul	99
17) Hexachloroethane	9.22	117	9763	20.81	ng/ul	94
20) Nitrobenzene	9.34	77	33438	19.98	ng/ul	99
21) Isophorone	9.86	82	57252	18.61	ng/ul	97
23) 2-Nitrophenol	10.05	139	12781	20.06	ng/ul	91
24) 2,4-Dimethylphenol	10.10	107	28597	19.11	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.34	93	29426	18.27	ng/ul	96
27) 2,4-Dichlorophenol	10.58	162	19903	19.36	ng/ul#	88
28) Naphthalene	10.99	128	70068	19.31	ng/ul	97
30) 4-Chloroaniline	11.10	127	27174	20.03	ng/ul	93
31) Hexachlorobutadiene	11.27	225	13799	19.75	ng/ul	88
32) Caprolactam	11.85	113	7459	18.90	ng/ul	89
33) 4-Chloro-3-methylphenol	12.21	107	26355	18.93	ng/ul	97
34) 2-Methylnaphthalene	12.58	142	49253	18.83	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.80	142	45817	18.65	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.95	216	25840	20.65	ng/ul	98
38) Hexachlorocyclopentadiene	12.92	237	8654	10.50	ng/ul	98
39) 2,4,6-Trichlorophenol	13.18	196	17000	20.05	ng/ul	96
40) 2,4,5-Trichlorophenol	13.25	196	18622	20.44	ng/ul	92
41) 1,1'-Biphenyl	13.58	154	62465	19.66	ng/ul	99
42) 2-Chloronaphthalene	13.62	162	49633	20.44	ng/ul	98
43) 2-Nitroaniline	13.83	65	21543	20.53	ng/ul	93
45) Dimethylphthalate	14.19	163	61513	18.82	ng/ul#	98
46) 2,6-Dinitrotoluene	14.32	165	12745	18.95	ng/ul	89
48) Acenaphthylene	14.47	152	77704	19.57	ng/ul	98
49) 3-Nitroaniline	14.64	138	12563	19.20	ng/ul#	89
50) Acenaphthene	14.80	153	53940	19.85	ng/ul	97
51) 2,4-Dinitrophenol	14.86	184	5163	11.39	ng/ul	96
53) 4-Nitrophenol	14.94	109	12841	17.67	ng/ul	96
54) Dibenzofuran	15.14	168	71726	19.36	ng/ul	100
55) 2,4-Dinitrotoluene	15.10	165	18980	18.99	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.36	232	15084	18.59	ng/ul	97
57) Diethylphthalate	15.54	149	65929	18.30	ng/ul	98
59) Fluorene	15.78	166	61055	18.87	ng/ul	92
60) 4-Chlorophenyl-phenylether	15.77	204	29937	18.62	ng/ul	95
61) 4-Nitroaniline	15.80	138	12784	16.65	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.87	198	8381	13.72	ng/ul	91
65) N-Nitrosodiphenylamine	15.98	169	52573	20.12	ng/ul	93
66) 4-Bromophenyl-phenylether	16.67	248	17890	20.01	ng/ul	97
67) Hexachlorobenzene	16.79	284	18874	21.54	ng/ul	96
68) Atrazine	16.92	200	18826	18.93	ng/ul	99
69) Pentachlorophenol	17.13	266	10543	17.77	ng/ul	92
70) Phenanthrene	17.52	178	91527	19.18	ng/ul	99
72) Anthracene	17.61	178	94643	19.52	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.55	216	23788	22.04	ng/uL#	87
74) Pentachlorobenzene	15.06	250	22845	21.32	ng/uL	95
75) Carbazole	17.88	167	82471	19.48	ng/ul	99
76) Di-n-butylphthalate	18.42	149	111888	19.60	ng/ul	99
77) Fluoranthene	19.52	202	103622	18.47	ng/ul	98
80) Pyrene	19.88	202	108822	18.98	ng/ul	99
81) Butylbenzylphthalate	20.75	149	52121	20.06	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.64	252	34665	18.91	ng/ul	97
83) Benzo(a)anthracene	21.72	228	107322	19.34	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	75472	19.56	ng/ul	97
85) Chrysene	21.80	228	99995	19.31	ng/ul	99
87) Di-n-octyl phthalate	22.83	149	131988	19.67	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	108512	19.52	ng/ul	99
89) Benzo(k)fluoranthene	24.04	252	104497	19.38	ng/ul	99
91) Benzo(a)pyrene	24.86	252	103167	19.18	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.73	276	102287m	17.42	ng/ul	
93) Dibenzo(a,h)anthracene	28.79	278	87069	17.25	ng/ul	99
94) Benzo(g,h,i)perylene	29.91	276	69361	15.74	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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