Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081618\
Data File : BG036306.D
Acq On : 16 Aug 2018 10:56
Operator : JU/SJ
Sample : SSTD01004
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01004

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8/17/2018 4:57:25 PM

Quant Time: Aug 16 12:24:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081618MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 16 12:06:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	136310	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	99207	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	274563	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	309683	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	302316	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	3526	4.03	ng/uL	0.00
5) Phenol-d5	7.22	99	31981	9.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	23790	9.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	17736	8.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	24175	9.23	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	7187	9.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	6919	8.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	22104	8.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	23141	10.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	87481	10.23	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	100240	10.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	8310	7.99	ng/ul	0.00
58) Fluorene-d10	15.69	176	76838	9.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	7101	7.94	ng/ul	0.00
71) Anthracene-d10	17.54	188	127659	9.81	ng/ul	0.00
79) Pyrene-d10	19.82	212	157634	9.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	161342	9.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	4570	4.237	ng/uL	94
4) Benzaldehyde	7.22	77	31250	11.124	ng/ul#	75
6) Phenol	7.25	94	33441	9.291	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.50	93	26697	10.317	ng/ul	99
10) 2-Chlorophenol	7.63	128	18945	9.302	ng/ul#	76
11) 2-Methylphenol	8.51	108	23976	9.268	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.61	45	32941	10.249	ng/ul#	88
14) Acetophenone	8.90	105	42672	9.818	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.88	70	27435	9.079	ng/ul#	93
16) 4-Methylphenol	8.84	108	25188	9.164	ng/ul	100
17) Hexachloroethane	9.17	117	8590	8.292	ng/ul	92
20) Nitrobenzene	9.28	77	26039	8.560	ng/ul	96
21) Isophorone	9.81	82	74101	9.526	ng/ul	94
23) 2-Nitrophenol	9.99	139	6993	7.880	ng/ul#	90
24) 2,4-Dimethylphenol	10.05	107	33069	9.471	ng/ul#	76
25) Bis(2-Chloroethoxy)methane	10.29	93	33820	9.073	ng/ul	99
27) 2,4-Dichlorophenol	10.53	162	20706	9.242	ng/ul#	90
28) Naphthalene	10.93	128	67954	9.698	ng/ul	97
30) 4-Chloroaniline	11.04	127	22939	9.563	ng/ul	98
31) Hexachlorobutadiene	11.22	225	20539	9.402	ng/ul#	86
32) Caprolactam	11.79	113	9114m	9.009	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	28006	8.871	ng/ul#	85
34) 2-Methylnaphthalene	12.54	142	50533	9.407	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	48881	9.279	ng/ul#	90
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	38274	9.846	ng/ul#	96
38) Hexachlorocyclopentadiene	12.88	237	18338	8.107	ng/ul	97
39) 2,4,6-Trichlorophenol	13.13	196	18537m	8.277	ng/ul	
40) 2,4,5-Trichlorophenol	13.20	196	23773	9.604	ng/ul#	84
41) 1,1'-Biphenyl	13.54	154	73224	10.177	ng/ul#	97
42) 2-Chloronaphthalene	13.58	162	57467	10.001	ng/ul	97
43) 2-Nitroaniline	13.77	65	13606	8.415	ng/ul#	65
45) Dimethylphthalate	14.15	163	83584	9.866	ng/ul#	94
46) 2,6-Dinitrotoluene	14.27	165	9797	8.910	ng/ul#	79
48) Acenaphthylene	14.43	152	88961	10.343	ng/ul	98
49) 3-Nitroaniline	14.59	138	9065	8.493	ng/ul#	71
50) Acenaphthene	14.77	153	64363	10.299	ng/ul	94
51) 2,4-Dinitrophenol	14.80	184	5250	11.722	ng/ul	92
53) 4-Nitrophenol	14.89	109	12413	8.019	ng/ul#	69
54) Dibenzofuran	15.10	168	89039	9.858	ng/ul#	85
55) 2,4-Dinitrotoluene	15.05	165	12756	8.370	ng/ul#	78
56) 2,3,4,6-Tetrachlorophenol	15.31	232	16303	7.606	ng/ul#	88
57) Diethylphthalate	15.52	149	83567	9.956	ng/ul	99
59) Fluorene	15.75	166	79807	10.175	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.75	204	48855	9.867	ng/ul	97
61) 4-Nitroaniline	15.75	138	14653	10.409	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.81	198	7637	8.204	ng/ul#	85
65) N-Nitrosodiphenylamine	15.95	169	69533	9.824	ng/ul	96
66) 4-Bromophenyl-phenylether	16.64	248	31333	9.811	ng/ul#	87
67) Hexachlorobenzene	16.75	284	34255	10.758	ng/ul#	92
68) Atrazine	16.90	200	31118	9.857	ng/ul	94
69) Pentachlorophenol	17.09	266	12331	7.754	ng/ul	98
70) Phenanthrene	17.49	178	138850	10.136	ng/ul	96
72) Anthracene	17.58	178	142634	10.628	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	41376	9.635	ng/uL	99
74) Pentachlorobenzene	15.02	250	35716	9.190	ng/uL	99
75) Carbazole	17.84	167	117931	10.652	ng/ul#	95
76) Di-n-butylphthalate	18.42	149	125965	9.679	ng/ul#	94
77) Fluoranthene	19.49	202	190447	10.949	ng/ul#	95
80) Pyrene	19.85	202	194728	9.863	ng/ul	99
81) Butylbenzylphthalate	20.75	149	49518	8.137	ng/ul#	73
82) 3,3'-Dichlorobenzidine	21.61	252	63451	9.778	ng/ul#	96
83) Benzo(a)anthracene	21.70	228	197722	10.053	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	73851	8.557	ng/ul	98
85) Chrysene	21.76	228	184545	10.264	ng/ul	97
87) Di-n-octyl phthalate	22.87	149	115213	7.404	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	190168m	9.233	ng/ul	
89) Benzo(k)fluoranthene	23.99	252	179619	9.051	ng/ul#	97
91) Benzo(a)pyrene	24.80	252	180740	9.535	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.60	276	203524m	9.703	ng/ul	
93) Dibenzo(a,h)anthracene	28.68	278	168649m	9.936	ng/ul	
94) Benzo(g,h,i)perylene	29.76	276	163831	9.420	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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