Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG070616\
Data File : BG022871.D
Acq On : 6 Jul 2016 10:22
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02024

Manual Integrations APPROVED
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Quant Time: Jul 06 18:41:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	139977	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	611972	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	488358	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1152955m	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1221040m	20.00	ng/ul	0.01
83) Perylene-d12	25.23	264	1255654	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	22408	8.95	ng/uL	0.00
5) Phenol-d5	7.31	99	282546	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	163834	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	176545	17.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	217751	19.04	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	100789	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	116733	19.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	247355	20.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	272279	26.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	797971	20.11	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	924717	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	126756	20.35	ng/ul	0.00
57) Fluorene-d10	15.79	176	761653	20.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	148512m	20.03	ng/ul	0.00
70) Anthracene-d10	17.66	188	1104685m	20.61	ng/ul	0.00
76) Pyrene-d10	19.94	212	1259834m	21.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1185700	19.88	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	26621	9.07	ng/uL	91
4) Benzaldehyde	7.29	77	200083	21.37	ng/ul	84
6) Phenol	7.34	94	288898	19.16	ng/ul#	58
8) Bis(2-Chloroethyl)ether	7.57	93	207367	20.11	ng/ul	96
10) 2-Chlorophenol	7.72	128	185204	18.51	ng/ul#	82
11) 2-Methylphenol	8.60	108	214456	18.93	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.69	45	237414	20.48	ng/ul	95
14) Acetophenone	8.98	105	371424	20.11	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.96	70	208116	18.75	ng/ul#	88
16) 4-Methylphenol	8.93	108	234923	18.65	ng/ul	100
17) Hexachloroethane	9.25	117	89994	21.13	ng/ul#	68
20) Nitrobenzene	9.37	77	312195	20.80	ng/ul#	78
21) Isophorone	9.89	82	560978	20.96	ng/ul#	90
23) 2-Nitrophenol	10.09	139	122677	19.64	ng/ul#	46
24) 2,4-Dimethylphenol	10.14	107	292225	19.54	ng/ul#	84
25) Bis(2-Chloroethoxy)methane	10.38	93	312913	19.81	ng/ul#	96
27) 2,4-Dichlorophenol	10.63	162	238881	19.31	ng/ul	96
28) Naphthalene	11.03	128	635400	20.30	ng/ul	98
30) 4-Chloroaniline	11.14	127	271198	25.48	ng/ul	99
31) Hexachlorobutadiene	11.32	225	196717	20.64	ng/ul	93
32) Caprolactam	11.90	113	90281	21.87	ng/ul#	56
33) 4-Chloro-3-methylphenol	12.26	107	304465	19.46	ng/ul#	82
34) 2-Methylnaphthalene	12.63	142	540510	20.88	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	378061	20.71	ng/ul	98
37) Hexachlorocyclopentadiene	12.97	237	185989	16.87	ng/ul	98
38) 2,4,6-Trichlorophenol	13.24	196	248606	19.74	ng/ul	98
39) 2,4,5-Trichlorophenol	13.31	196	252542	19.06	ng/ul	100
40) 1,1'-Biphenyl	13.63	154	733578	19.75	ng/ul	98
41) 2-Chloronaphthalene	13.68	162	605222	20.13	ng/ul	98
42) 2-Nitroaniline	13.88	65	238568	20.51	ng/ul#	68
44) Dimethylphthalate	14.24	163	802658	19.81	ng/ul	100
45) 2,6-Dinitrotoluene	14.37	165	170491	19.44	ng/ul#	83
47) Acenaphthylene	14.52	152	932554	20.37	ng/ul	99
48) 3-Nitroaniline	14.70	138	153631	22.42	ng/ul#	51
49) Acenaphthene	14.87	153	624812	20.09	ng/ul	92
50) 2,4-Dinitrophenol	14.91	184	91548	18.78	ng/ul#	81
52) 4-Nitrophenol	15.01	109	152986	19.31	ng/ul#	56
53) Dibenzofuran	15.20	168	976594	20.32	ng/ul#	87
54) 2,4-Dinitrotoluene	15.16	165	257218	20.28	ng/ul#	68
55) 2,3,4,6-Tetrachlorophenol	15.42	232	266735	19.78	ng/ul	91
56) Diethylphthalate	15.61	149	822863	19.99	ng/ul	93
58) Fluorene	15.85	166	770007	19.94	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.84	204	453049	19.59	ng/ul	97
60) 4-Nitroaniline	15.87	138	167805	20.38	ng/ul#	35
63) 4,6-Dinitro-2-methylphenol	15.92	198	154274m	19.63	ng/ul	
64) N-Nitrosodiphenylamine	16.05	169	702518	20.69	ng/ul	96
65) 4-Bromophenyl-phenylether	16.73	248	316015	20.49	ng/ul	95
66) Hexachlorobenzene	16.86	284	333144	20.40	ng/ul	90
67) Atrazine	17.00	200	297637	21.02	ng/ul	96
68) Pentachlorophenol	17.20	266	191905	20.45	ng/ul	93
69) Phenanthrene	17.60	178	1219994m	20.69	ng/ul	
71) Anthracene	17.69	178	1249710	20.62	ng/ul	97
72) Carbazole	17.96	167	1016768	22.67	ng/ul	98
73) Di-n-butylphthalate	18.50	149	1253148	21.77	ng/ul#	95
74) Fluoranthene	19.60	202	1427343m	23.23	ng/ul	
77) Pyrene	19.97	202	1460794m	21.37	ng/ul	
78) Butylbenzylphthalate	20.83	149	596337m	22.50	ng/ul	
79) 3,3'-Dichlorobenzidine	21.75	252	579054m	25.04	ng/ul	
80) Benzo(a)anthracene	21.83	228	1512956m	21.13	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.72	149	813558m	23.78	ng/ul	
82) Chrysene	21.90	228	1371596	21.04	ng/ul	97
84) Di-n-octyl phthalate	22.98	149	1353548	24.46	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1553762	19.80	ng/ul#	92
86) Benzo(k)fluoranthene	24.22	252	1512944	20.53	ng/ul#	89
88) Benzo(a)pyrene	25.07	252	1482457	19.89	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.08	276	1678985	21.30	ng/ul#	80
90) Dibenzo(a,h)anthracene	29.16	278	1386455	21.28	ng/ul#	86
91) Benzo(g,h,i)perylene	30.29	276	1360309	22.01	ng/ul#	77

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

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