Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022745.D
Acq On : 1 Jul 2016 3:00
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02008

Manual Integrations
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Quant Time: Jul 01 08:21:14 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 08:06:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	100185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	454876	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	364016	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	930539	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1018130	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1068750	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	15128	8.44	ng/uL	0.00
5) Phenol-d5	7.31	99	199067	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	108264	18.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	124940	17.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	144225	17.62	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	64287	17.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	78669	17.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	159356	17.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	142682	18.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	555653	18.79	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	636480	18.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	86841	18.70	ng/ul	0.00
57) Fluorene-d10	15.79	176	529170	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	103290	17.26	ng/ul	0.00
70) Anthracene-d10	17.65	188	800075	18.50	ng/ul	0.00
76) Pyrene-d10	19.94	212	937112	19.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	918924	18.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	16523	7.86	ng/uL#	78
4) Benzaldehyde	7.29	77	129024	19.26	ng/ul#	75
6) Phenol	7.34	94	192393	17.82	ng/ul#	66
8) Bis(2-Chloroethyl)ether	7.57	93	137414	18.62	ng/ul	89
10) 2-Chlorophenol	7.72	128	125083	17.47	ng/ul#	85
11) 2-Methylphenol	8.60	108	148463	18.31	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.69	45	151175	18.22	ng/ul#	89
14) Acetophenone	8.98	105	240771	18.21	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.96	70	139337	17.54	ng/ul#	87
16) 4-Methylphenol	8.93	108	158791	17.61	ng/ul	99
17) Hexachloroethane	9.25	117	56696	18.60	ng/ul#	77
20) Nitrobenzene	9.37	77	207406	18.60	ng/ul#	79
21) Isophorone	9.89	82	379093	19.05	ng/ul#	90
23) 2-Nitrophenol	10.09	139	86092	18.54	ng/ul#	56
24) 2,4-Dimethylphenol	10.14	107	202646	18.23	ng/ul	85
25) Bis(2-Chloroethoxy)methane	10.38	93	207130	17.64	ng/ul	97
27) 2,4-Dichlorophenol	10.63	162	162146	17.63	ng/ul	100
28) Naphthalene	11.03	128	423530	18.21	ng/ul	99
30) 4-Chloroaniline	11.14	127	143650	18.16	ng/ul	96
31) Hexachlorobutadiene	11.31	225	126738	17.89	ng/ul	92
32) Caprolactam	11.89	113	56307m	18.35	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	212977	18.31	ng/ul#	76
34) 2-Methylnaphthalene	12.63	142	349141	18.14	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	244271	17.95 ng/ul#	94
37) Hexachlorocyclopentadiene	12.97	237	140580	17.11 ng/ul	98
38) 2,4,6-Trichlorophenol	13.23	196	174856	18.63 ng/ul	96
39) 2,4,5-Trichlorophenol	13.31	196	182067	18.43 ng/ul	96
40) 1,1'-Biphenyl	13.63	154	502152	18.14 ng/ul#	93
41) 2-Chloronaphthalene	13.68	162	395148	17.63 ng/ul	98
42) 2-Nitroaniline	13.88	65	159932	18.45 ng/ul#	63
44) Dimethylphthalate	14.24	163	559584	18.53 ng/ul	97
45) 2,6-Dinitrotoluene	14.37	165	120069	18.37 ng/ul#	86
47) Acenaphthylene	14.52	152	639996	18.76 ng/ul	98
48) 3-Nitroaniline	14.70	138	102325	20.03 ng/ul#	38
49) Acenaphthene	14.87	153	420105	18.12 ng/ul	98
50) 2,4-Dinitrophenol	14.90	184	59720m	16.44 ng/ul	
52) 4-Nitrophenol	15.01	109	111558	18.89 ng/ul#	62
53) Dibenzofuran	15.19	168	670344	18.72 ng/ul#	87
54) 2,4-Dinitrotoluene	15.15	165	180824	19.13 ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.42	232	186540	18.55 ng/ul#	92
56) Diethylphthalate	15.61	149	583156	19.01 ng/ul	94
58) Fluorene	15.85	166	527405	18.33 ng/ul	93
59) 4-Chlorophenyl-phenylether	15.83	204	313701	18.20 ng/ul	97
60) 4-Nitroaniline	15.86	138	119678	19.50 ng/ul#	53
63) 4,6-Dinitro-2-methylphenol	15.92	198	110626	17.44 ng/ul#	84
64) N-Nitrosodiphenylamine	16.05	169	493541	18.01 ng/ul	94
65) 4-Bromophenyl-phenylether	16.73	248	224156	18.01 ng/ul	96
66) Hexachlorobenzene	16.85	284	240137	18.22 ng/ul	94
67) Atrazine	17.00	200	218540	19.13 ng/ul	97
68) Pentachlorophenol	17.20	266	132296	17.46 ng/ul	95
69) Phenanthrene	17.60	178	900356	18.92 ng/ul	99
71) Anthracene	17.69	178	919643	18.80 ng/ul	97
72) Carbazole	17.96	167	753177	20.81 ng/ul	98
73) Di-n-butylphthalate	18.50	149	908631	19.56 ng/ul#	96
74) Fluoranthene	19.60	202	1071092	21.60 ng/ul#	86
77) Pyrene	19.97	202	1121060	19.67 ng/ul#	83
78) Butylbenzylphthalate	20.84	149	421185	19.06 ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.75	252	388278m	20.14 ng/ul	
80) Benzo(a)anthracene	21.83	228	1157411	19.38 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	588317	20.63 ng/ul#	97
82) Chrysene	21.90	228	1055049	19.41 ng/ul	97
84) Di-n-octyl phthalate	22.98	149	986941	20.95 ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	1184085	17.73 ng/ul#	90
86) Benzo(k)fluoranthene	24.22	252	1157664	18.45 ng/ul#	90
88) Benzo(a)pyrene	25.06	252	1144998m	18.04 ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.06	276	1279576	19.07 ng/ul#	81
90) Dibenzo(a,h)anthracene	29.14	278	1039265	18.74 ng/ul#	85
91) Benzo(g,h,i)perylene	30.27	276	1043414	19.84 ng/ul#	79

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

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