Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
Data File : BG024236.D
Acq On : 10 Oct 2016 11:07
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
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10/11/2016 7:05:16 PM

Quant Time: Oct 10 13:35:26 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	156487	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	658724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	555178	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	1209895m	20.00	ng/ul	0.00
75) Chrysene-d12	21.96	240	1261474	20.00	ng/ul	0.00
83) Perylene-d12	25.41	264	1320500	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	25042	7.60	ng/uL	0.00
5) Phenol-d5	7.42	99	286340	19.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	187102	18.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.82	132	197885	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.99	113	237063	20.08	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	100766	21.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	115354	22.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	234234	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	283839	23.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	800122	20.64	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	925467	20.84	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	137257	19.97	ng/ul	0.00
57) Fluorene-d10	15.90	176	737964	20.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	150886m	20.75	ng/ul	0.00
70) Anthracene-d10	17.75	188	1121523	20.52	ng/ul	0.00
76) Pyrene-d10	20.02	212	1236245	21.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.17	264	1198204	20.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	26721	7.48	ng/uL#	63
4) Benzaldehyde	7.43	77	219003	21.31	ng/ul#	74
6) Phenol	7.45	94	298061	20.11	ng/ul#	61
8) Bis(2-Chloroethyl)ether	7.71	93	203118	18.62	ng/ul#	77
10) 2-Chlorophenol	7.85	128	198928	19.52	ng/ul#	81
11) 2-Methylphenol	8.72	108	214526	19.55	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.82	45	428529	19.67	ng/ul#	88
14) Acetophenone	9.12	105	353054	20.14	ng/ul#	68
15) N-Nitroso-di-n-propylamine	9.10	70	208356	19.71	ng/ul#	74
16) 4-Methylphenol	9.05	108	231824	19.91	ng/ul	97
17) Hexachloroethane	9.39	117	89635	19.02	ng/ul#	81
20) Nitrobenzene	9.52	77	315723	21.34	ng/ul#	77
21) Isophorone	10.04	82	568428	21.14	ng/ul#	93
23) 2-Nitrophenol	10.22	139	121948	21.40	ng/ul#	52
24) 2,4-Dimethylphenol	10.26	107	291668	20.77	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.51	93	303879	20.62	ng/ul	98
27) 2,4-Dichlorophenol	10.76	162	234768	21.50	ng/ul	96
28) Naphthalene	11.18	128	681993	21.50	ng/ul	97
30) 4-Chloroaniline	11.28	127	274597	22.61	ng/ul	99
31) Hexachlorobutadiene	11.45	225	190195	21.74	ng/ul	97
32) Caprolactam	12.04	113	81124	19.54	ng/ul#	12
33) 4-Chloro-3-methylphenol	12.37	107	288756	21.61	ng/ul#	79
34) 2-Methylnaphthalene	12.76	142	533531	21.16	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.12	216	337810	20.63 ng/ul	98
37) Hexachlorocyclopentadiene	13.09	237	228108	19.00 ng/ul	95
38) 2,4,6-Trichlorophenol	13.35	196	217390	20.48 ng/ul	95
39) 2,4,5-Trichlorophenol	13.41	196	235534	20.19 ng/ul	93
40) 1,1'-Biphenyl	13.75	154	731339	20.34 ng/ul	96
41) 2-Chloronaphthalene	13.80	162	576746	20.46 ng/ul	95
42) 2-Nitroaniline	14.00	65	231512	21.58 ng/ul#	58
44) Dimethylphthalate	14.35	163	759260	19.98 ng/ul	97
45) 2,6-Dinitrotoluene	14.48	165	159755	21.66 ng/ul#	70
47) Acenaphthylene	14.64	152	898074	21.02 ng/ul	98
48) 3-Nitroaniline	14.81	138	151981	21.81 ng/ul#	54
49) Acenaphthene	14.98	153	624653	20.45 ng/ul	98
50) 2,4-Dinitrophenol	15.01	184	97125	19.63 ng/ul#	67
52) 4-Nitrophenol	15.09	109	169083	20.30 ng/ul#	60
53) Dibenzofuran	15.31	168	943694m	20.99 ng/ul	
54) 2,4-Dinitrotoluene	15.26	165	226612	20.74 ng/ul#	56
55) 2,3,4,6-Tetrachlorophenol	15.52	232	233206	20.37 ng/ul	93
56) Diethylphthalate	15.71	149	814342	20.32 ng/ul	96
58) Fluorene	15.95	166	760385	20.46 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.94	204	411896	19.97 ng/ul	95
60) 4-Nitroaniline	15.97	138	164138	20.46 ng/ul#	43
63) 4,6-Dinitro-2-methylphenol	16.02	198	154524m	20.28 ng/ul	
64) N-Nitrosodiphenylamine	16.15	169	695942	20.34 ng/ul	96
65) 4-Bromophenyl-phenylether	16.83	248	280015	19.98 ng/ul	94
66) Hexachlorobenzene	16.94	284	320784	20.52 ng/ul	98
67) Atrazine	17.09	200	299465	21.40 ng/ul#	94
68) Pentachlorophenol	17.29	266	195349	20.56 ng/ul	88
69) Phenanthrene	17.70	178	1282418m	20.99 ng/ul	
71) Anthracene	17.79	178	1296200	20.85 ng/ul	99
72) Carbazole	18.05	167	1086103	22.26 ng/ul	98
73) Di-n-butylphthalate	18.58	149	1282903	21.50 ng/ul#	97
74) Fluoranthene	19.69	202	1439926m	23.34 ng/ul	
77) Pyrene	20.05	202	1463636	21.72 ng/ul#	86
78) Butylbenzylphthalate	20.92	149	562348	20.77 ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.84	252	516957	22.00 ng/ul#	94
80) Benzo(a)anthracene	21.93	228	1489612	21.28 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.81	149	803148	20.98 ng/ul#	99
82) Chrysene	22.00	228	1410399	21.17 ng/ul	98
84) Di-n-octyl phthalate	23.10	149	1364488	22.02 ng/ul	100
85) Benzo(b)fluoranthene	24.30	252	1465640	19.99 ng/ul#	92
86) Benzo(k)fluoranthene	24.38	252	1436406	20.34 ng/ul#	91
88) Benzo(a)pyrene	25.24	252	1422811	20.38 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.38	276	1729810	20.91 ng/ul#	79
90) Dibenzo(a,h)anthracene	29.45	278	1453376	20.78 ng/ul#	84
91) Benzo(g,h,i)perylene	30.63	276	1420617	20.43 ng/ul#	78

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

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