Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023477.D
Acq On : 5 Aug 2016 7:46
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 05 09:12:33 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 17:27:34 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02009

Manual Integrations APPROVED
sohil
8/5/2016 7:00:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	118104	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.95	136	553276	20.00	ng/ul	-0.03
35) Acenaphthene-d10	14.78	164	402864	20.00	ng/ul	-0.03
61) Phenanthrene-d10	17.54	188	994571	20.00	ng/ul	-0.03
75) Chrysene-d12	21.86	240	977288	20.00	ng/ul	-0.04
83) Perylene-d12	25.24	264	957208	20.00	ng/ul	-0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	20450	7.36	ng/uL	-0.02
5) Phenol-d5	7.27	99	246684	20.73	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.43	67	166323	21.82	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.64	132	168880	20.81	ng/ul	-0.03
13) 4-Methylphenol-d8	8.83	113	197014	21.21	ng/ul	-0.02
19) Nitrobenzene-d5	9.29	128	91360	20.95	ng/ul	-0.03
22) 2-Nitrophenol-d4	10.02	143	106048	21.17	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.57	165	200825	21.26	ng/ul	-0.03
29) 4-Chloroaniline-d4	11.09	131	255899	23.09	ng/ul	-0.03
43) Dimethylphthalate-d6	14.18	166	688540	20.87	ng/ul	-0.03
46) Acenaphthylene-d8	14.47	160	798744	21.52	ng/ul	-0.03
51) 4-Nitrophenol-d4	14.99	143	113564	20.17	ng/ul	-0.02
57) Fluorene-d10	15.77	176	613624	20.13	ng/ul	-0.03
62) 4,6-Dinitro-2-methylphenol	15.90	200	134831	21.13	ng/ul	-0.02
70) Anthracene-d10	17.64	188	954674	21.31	ng/ul	-0.03
76) Pyrene-d10	19.93	212	1069788	21.63	ng/ul	-0.03
87) Benzo(a)pyrene-d12	25.00	264	914733	21.11	ng/ul	-0.07
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	24956	8.56	ng/uL#	96
4) Benzaldehyde	7.25	77	168306	23.21	ng/ul#	82
6) Phenol	7.30	94	258230	20.84	ng/ul#	72
8) Bis(2-Chloroethyl)ether	7.53	93	193011	21.46	ng/ul	90
10) 2-Chlorophenol	7.68	128	175603	21.24	ng/ul#	88
11) 2-Methylphenol	8.56	108	192133	20.59	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.65	45	274562	22.31	ng/ul	97
14) Acetophenone	8.95	105	329657	22.13	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.92	70	192283	21.45	ng/ul#	86
16) 4-Methylphenol	8.89	108	221264	21.16	ng/ul	95
17) Hexachloroethane	9.21	117	73770	20.68	ng/ul#	82
20) Nitrobenzene	9.33	77	266823	20.87	ng/ul#	84
21) Isophorone	9.86	82	517044	21.99	ng/ul	94
23) 2-Nitrophenol	10.05	139	117344	21.70	ng/ul#	61
24) 2,4-Dimethylphenol	10.11	107	249886	21.06	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.34	93	290910	21.45	ng/ul#	96
27) 2,4-Dichlorophenol	10.59	162	197854	20.77	ng/ul	94
28) Naphthalene	11.00	128	599842	21.35	ng/ul	98
30) 4-Chloroaniline	11.11	127	246252	22.38	ng/ul	97
31) Hexachlorobutadiene	11.28	225	135626	21.37	ng/ul	96
32) Caprolactam	11.87	113	80912m	20.45	ng/ul	
33) 4-Chloro-3-methylphenol	12.23	107	253464	20.67	ng/ul#	82
34) 2-Methylnaphthalene	12.60	142	490052	21.52	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	270280	21.85	ng/ul	97
37) Hexachlorocyclopentadiene	12.95	237	145113	21.21	ng/ul	99
38) 2,4,6-Trichlorophenol	13.21	196	177399	20.71	ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	193062	21.02	ng/ul	94
40) 1,1'-Biphenyl	13.61	154	638463	21.57	ng/ul	97
41) 2-Chloronaphthalene	13.66	162	491787	21.36	ng/ul	97
42) 2-Nitroaniline	13.86	65	204810m	21.79	ng/ul	
44) Dimethylphthalate	14.22	163	680434	20.83	ng/ul	100
45) 2,6-Dinitrotoluene	14.35	165	146931	20.75	ng/ul#	85
47) Acenaphthylene	14.50	152	833875	21.48	ng/ul	99
48) 3-Nitroaniline	14.69	138	141581	21.27	ng/ul#	64
49) Acenaphthene	14.85	153	548305	20.73	ng/ul	93
50) 2,4-Dinitrophenol	14.90	184	83177m	19.04	ng/ul	
52) 4-Nitrophenol	15.00	109	111505	19.77	ng/ul#	74
53) Dibenzofuran	15.18	168	816997	20.84	ng/ul#	86
54) 2,4-Dinitrotoluene	15.14	165	223724	20.85	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.41	232	192564	20.41	ng/ul	97
56) Diethylphthalate	15.59	149	707913	20.74	ng/ul	96
58) Fluorene	15.83	166	673376	20.62	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.82	204	335844	20.45	ng/ul	100
60) 4-Nitroaniline	15.86	138	166358m	21.55	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.91	198	145676	21.75	ng/ul#	85
64) N-Nitrosodiphenylamine	16.04	169	614157	22.10	ng/ul	94
65) 4-Bromophenyl-phenylether	16.72	248	242480	21.26	ng/ul	97
66) Hexachlorobenzene	16.84	284	256697	21.13	ng/ul	98
67) Atrazine	16.98	200	253607	22.09	ng/ul	92
68) Pentachlorophenol	17.19	266	135163	20.16	ng/ul	88
69) Phenanthrene	17.58	178	1127471	21.89	ng/ul	98
71) Anthracene	17.68	178	1145896	21.80	ng/ul	98
72) Carbazole	17.95	167	1014555	23.96	ng/ul	98
73) Di-n-butylphthalate	18.49	149	1191726	22.47	ng/ul#	96
74) Fluoranthene	19.60	202	1306188	24.77	ng/ul#	94
77) Pyrene	19.96	202	1323819	21.91	ng/ul#	94
78) Butylbenzylphthalate	20.84	149	520553	22.46	ng/ul#	89
79) 3,3'-Dichlorobenzidine	21.75	252	398751	23.16	ng/ul#	97
80) Benzo(a)anthracene	21.84	228	1203318	21.86	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.71	149	707456	22.96	ng/ul#	96
82) Chrysene	21.91	228	1093087	21.84	ng/ul	96
84) Di-n-octyl phthalate	22.98	149	1170642	24.21	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1190631	21.87	ng/ul#	95
86) Benzo(k)fluoranthene	24.23	252	1122554	20.94	ng/ul#	91
88) Benzo(a)pyrene	25.07	252	1114316	21.20	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.08	276	1292650	20.93	ng/ul#	89
90) Dibenzo(a,h)anthracene	29.15	278	1102919	20.94	ng/ul#	92
91) Benzo(g,h,i)perylene	30.31	276	1083303m	21.15	ng/ul	

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

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