Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023619.D
Acq On : 11 Aug 2016 8:16
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02025

Manual Integrations APPROVED
sohil
8/11/2016 6:14:47 PM

Quant Time: Aug 11 08:51:58 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	152272	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	700783	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	481131	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1078177	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	999493	20.00	ng/ul	0.00
83) Perylene-d12	25.28	264	1007235	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	23265	6.50	ng/uL	0.00
5) Phenol-d5	7.27	99	299961	19.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	198547	20.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	216943	20.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	244002	20.38	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	114182	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	135398	21.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	255450	21.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	325735	23.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	784478	19.91	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	943148	21.27	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	133437	19.84	ng/ul	0.00
57) Fluorene-d10	15.78	176	709161	19.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	136193	19.69	ng/ul	0.00
70) Anthracene-d10	17.65	188	1045525	21.52	ng/ul	0.00
76) Pyrene-d10	19.94	212	1041477	20.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	944451	20.72	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	27715	7.38	ng/uL#	67
4) Benzaldehyde	7.24	77	211097m	22.58	ng/ul	
6) Phenol	7.30	94	328384	20.56	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.52	93	231899	20.00	ng/ul	90
10) 2-Chlorophenol	7.67	128	218282	20.48	ng/ul#	86
11) 2-Methylphenol	8.56	108	241423	20.07	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.64	45	334302	21.07	ng/ul	99
14) Acetophenone	8.94	105	388740	20.24	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.92	70	226788	19.63	ng/ul#	86
16) 4-Methylphenol	8.89	108	267971	19.87	ng/ul	96
17) Hexachloroethane	9.20	117	92985	20.22	ng/ul	95
20) Nitrobenzene	9.34	77	327468	20.22	ng/ul#	83
21) Isophorone	9.85	82	609378	20.46	ng/ul#	91
23) 2-Nitrophenol	10.05	139	140069	20.45	ng/ul#	64
24) 2,4-Dimethylphenol	10.11	107	307131	20.44	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.34	93	344147	20.03	ng/ul	98
27) 2,4-Dichlorophenol	10.59	162	253211	20.98	ng/ul	100
28) Naphthalene	11.00	128	729134	20.49	ng/ul	97
30) 4-Chloroaniline	11.11	127	304829	21.88	ng/ul	99
31) Hexachlorobutadiene	11.27	225	171078	21.29	ng/ul	91
32) Caprolactam	11.87	113	91374m	18.23	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	305030	19.64	ng/ul#	83
34) 2-Methylnaphthalene	12.61	142	578424	20.05	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	331574	22.45 ng/ul	98
37) Hexachlorocyclopentadiene	12.95	237	143104	17.52 ng/ul	97
38) 2,4,6-Trichlorophenol	13.22	196	221588	21.66 ng/ul	94
39) 2,4,5-Trichlorophenol	13.30	196	235194	21.44 ng/ul	99
40) 1,1'-Biphenyl	13.61	154	765615	21.65 ng/ul	97
41) 2-Chloronaphthalene	13.66	162	594143	21.61 ng/ul	98
42) 2-Nitroaniline	13.87	65	234643	20.90 ng/ul#	68
44) Dimethylphthalate	14.23	163	760751	19.50 ng/ul	98
45) 2,6-Dinitrotoluene	14.36	165	171146	20.24 ng/ul#	89
47) Acenaphthylene	14.51	152	976263	21.05 ng/ul	99
48) 3-Nitroaniline	14.69	138	170634	21.46 ng/ul#	69
49) Acenaphthene	14.85	153	662253	20.96 ng/ul	96
50) 2,4-Dinitrophenol	14.90	184	83259	15.95 ng/ul#	81
52) 4-Nitrophenol	15.02	109	130572m	19.39 ng/ul	
53) Dibenzofuran	15.19	168	937098	20.02 ng/ul#	88
54) 2,4-Dinitrotoluene	15.15	165	250362	19.54 ng/ul#	71
55) 2,3,4,6-Tetrachlorophenol	15.42	232	219786	19.51 ng/ul	96
56) Diethylphthalate	15.59	149	787116	19.31 ng/ul	95
58) Fluorene	15.84	166	763102	19.57 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.83	204	390388	19.90 ng/ul	99
60) 4-Nitroaniline	15.87	138	188624	20.46 ng/ul#	71
63) 4,6-Dinitro-2-methylphenol	15.92	198	140925	19.41 ng/ul#	88
64) N-Nitrosodiphenylamine	16.04	169	681470	22.62 ng/ul	99
65) 4-Bromophenyl-phenylether	16.73	248	267070	21.60 ng/ul	96
66) Hexachlorobenzene	16.85	284	286995	21.79 ng/ul	97
67) Atrazine	17.00	200	272756	21.92 ng/ul	96
68) Pentachlorophenol	17.20	266	149062	20.51 ng/ul	89
69) Phenanthrene	17.60	178	1185530	21.23 ng/ul	97
71) Anthracene	17.69	178	1237922	21.73 ng/ul	98
72) Carbazole	17.96	167	1059872	23.09 ng/ul	98
73) Di-n-butylphthalate	18.50	149	1274348	22.16 ng/ul#	95
74) Fluoranthene	19.60	202	1280553	22.40 ng/ul#	93
77) Pyrene	19.97	202	1290333	20.88 ng/ul#	93
78) Butylbenzylphthalate	20.84	149	546679	23.07 ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.76	252	424255	24.09 ng/ul	98
80) Benzo(a)anthracene	21.85	228	1183997	21.03 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	752670	23.88 ng/ul#	95
82) Chrysene	21.92	228	1076013	21.02 ng/ul	97
84) Di-n-octyl phthalate	23.00	149	1269586	24.96 ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	1180408	20.60 ng/ul#	94
86) Benzo(k)fluoranthene	24.26	252	1140070	20.21 ng/ul#	90
88) Benzo(a)pyrene	25.11	252	1151207	20.81 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.17	276	1367197	21.04 ng/ul#	89
90) Dibenzo(a,h)anthracene	29.24	278	1167818m	21.07 ng/ul	
91) Benzo(g,h,i)perylene	30.39	276	1127487	20.92 ng/ul#	85

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

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