Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM061317\
Data File : BM010559.D
Acq On : 13 Jun 2017 14:28
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jun 14 01:32:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	107431	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	384159	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.52	164	277798	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	724329	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1033257	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1061439	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	21454	8.19	ng/uL	0.00
5) Phenol-d5	7.06	99	135924	16.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	78693	17.20	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.42	132	126641	19.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	117253	17.85	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	53272	18.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	70485	21.62	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.30	165	158297	23.64	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.85	131	138495	21.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	498495	21.60	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	550180	20.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	71191	20.62	ng/ul	0.00
57) Fluorene-d10	15.51	176	439599	21.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	101548	19.79	ng/ul	0.00
70) Anthracene-d10	17.37	188	709410	20.13	ng/ul	0.00
76) Pyrene-d10	19.66	212	893645	20.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	1001683	20.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	20824	7.46	ng/uL#	46
4) Benzaldehyde	7.05	77	113343	20.70	ng/ul	97
6) Phenol	7.09	94	141930	17.01	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.32	93	96115	16.59	ng/ul	96
10) 2-Chlorophenol	7.45	128	119671	18.38	ng/ul#	89
11) 2-Methylphenol	8.33	108	104566	17.16	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.40	45	38421	14.71	ng/ul#	42
14) Acetophenone	8.72	105	192302	17.94	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.69	70	105336	19.66	ng/ul#	87
16) 4-Methylphenol	8.66	108	118945	17.80	ng/ul	96
17) Hexachloroethane	8.95	117	63330	21.42	ng/ul	93
20) Nitrobenzene	9.11	77	170357	21.20	ng/ul#	89
21) Isophorone	9.61	82	267276	21.61	ng/ul	97
23) 2-Nitrophenol	9.81	139	68814	19.91	ng/ul#	86
24) 2,4-Dimethylphenol	9.86	107	164248	20.44	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.10	93	129403	18.62	ng/ul	95
27) 2,4-Dichlorophenol	10.33	162	145805	22.22	ng/ul	90
28) Naphthalene	10.73	128	360825	18.73	ng/ul	98
30) 4-Chloroaniline	10.87	127	133712	21.44	ng/ul	98
31) Hexachlorobutadiene	10.98	225	149538	24.88	ng/ul	94
32) Caprolactam	11.67	113	34217m	20.84	ng/ul	
33) 4-Chloro-3-methylphenol	11.99	107	135333	21.43	ng/ul	96
34) 2-Methylnaphthalene	12.33	142	306194	20.96	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	246541	21.33 ng/ul#	94
37) Hexachlorocyclopentadiene	12.65	237	149198	19.25 ng/ul	96
38) 2,4,6-Trichlorophenol	12.95	196	156381	23.81 ng/ul	97
39) 2,4,5-Trichlorophenol	13.03	196	155726	23.50 ng/ul	97
40) 1,1'-Biphenyl	13.35	154	444911	19.74 ng/ul	97
41) 2-Chloronaphthalene	13.40	162	344676	19.47 ng/ul	97
42) 2-Nitroaniline	13.64	65	94985	21.06 ng/ul	94
44) Dimethylphthalate	13.98	163	460571	20.29 ng/ul#	99
45) 2,6-Dinitrotoluene	14.12	165	94597	22.74 ng/ul#	80
47) Acenaphthylene	14.25	152	509679	19.37 ng/ul	96
48) 3-Nitroaniline	14.47	138	70985	17.71 ng/ul	90
49) Acenaphthene	14.58	153	346022	18.75 ng/ul	97
50) 2,4-Dinitrophenol	14.66	184	67575	21.49 ng/ul#	74
52) 4-Nitrophenol	14.77	109	121467	25.67 ng/ul#	70
53) Dibenzofuran	14.92	168	569027	20.85 ng/ul	95
54) 2,4-Dinitrotoluene	14.90	165	136349	22.32 ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.15	232	157322	24.72 ng/ul	99
56) Diethylphthalate	15.33	149	472237	21.51 ng/ul	97
58) Fluorene	15.57	166	462499	20.66 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.56	204	288989	22.59 ng/ul	94
60) 4-Nitroaniline	15.63	138	73739	17.57 ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	15.66	198	107250	19.73 ng/ul#	96
64) N-Nitrosodiphenylamine	15.78	169	400422	18.96 ng/ul	99
65) 4-Bromophenyl-phenylether	16.45	248	183587	20.60 ng/ul#	89
66) Hexachlorobenzene	16.55	284	177717	19.04 ng/ul#	82
67) Atrazine	16.73	200	200625	21.86 ng/ul	90
68) Pentachlorophenol	16.91	266	117620	19.80 ng/ul	99
69) Phenanthrene	17.31	178	764797	19.78 ng/ul	98
71) Anthracene	17.40	178	787063	19.50 ng/ul	98
72) Carbazole	17.69	167	640687	18.75 ng/ul	99
73) Di-n-butylphthalate	18.20	149	837314	21.71 ng/ul#	97
74) Fluoranthene	19.32	202	1047760	22.03 ng/ul#	94
77) Pyrene	19.69	202	1080623	20.30 ng/ul#	93
78) Butylbenzylphthalate	20.56	149	379838	20.64 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.36	252	390945	19.28 ng/ul	93
80) Benzo(a)anthracene	21.42	228	1234300	21.18 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	563249	20.57 ng/ul	98
82) Chrysene	21.47	228	1077957	20.47 ng/ul	97
84) Di-n-octyl phthalate	22.20	149	1018594	20.85 ng/ul#	97
85) Benzo(b)fluoranthene	23.06	252	1303275m	21.10 ng/ul	
86) Benzo(k)fluoranthene	23.10	252	1223094	20.73 ng/ul	97
88) Benzo(a)pyrene	23.67	252	1243579	20.31 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.14	276	1592407	20.59 ng/ul	98
90) Dibenzo(a,h)anthracene	26.15	278	1375031	20.64 ng/ul	98
91) Benzo(g,h,i)perylene	26.88	276	1292676	20.29 ng/ul	98

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

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