Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM052516\
Data File : BM005643.D
Acq On : 25 May 2016 18:46
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02035

Quant Time: May 25 19:37:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	85405	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.57	136	421434	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.43	164	263605	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.17	188	624406	20.00	ng/ul	-0.02
75) Chrysene-d12	21.35	240	711246	20.00	ng/ul	-0.01
83) Perylene-d12	23.62	264	744678	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	14965	7.67	ng/uL	-0.04
5) Phenol-d5	6.96	99	158655	22.66	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.12	67	89516	22.06	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.32	132	124595	21.33	ng/ul	-0.02
13) 4-Methylphenol-d8	8.50	113	132247	23.05	ng/ul	-0.02
19) Nitrobenzene-d5	8.94	128	65047	20.19	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.66	143	71720	20.22	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.20	165	129088	19.32	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.72	131	175326	26.21	ng/ul	-0.02
43) Dimethylphthalate-d6	13.83	166	427483	19.87	ng/ul	-0.01
46) Acenaphthylene-d8	14.12	160	523280	19.45	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.65	143	74707	18.36	ng/ul	0.00
57) Fluorene-d10	15.42	176	366035	19.55	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.55	200	63370	17.64	ng/ul	0.00
70) Anthracene-d10	17.27	188	582759	19.59	ng/ul	-0.01
76) Pyrene-d10	19.56	212	657227	20.40	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.47	264	670977	19.30	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	27108	7.88	ng/uL	94
4) Benzaldehyde	6.93	77	70040	15.42	ng/ul	99
6) Phenol	6.99	94	164375	22.79	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.21	93	120840	22.18	ng/ul	97
10) 2-Chlorophenol	7.35	128	123412	21.06	ng/ul	99
11) 2-Methylphenol	8.23	108	127529	23.33	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.32	45	154563	21.25	ng/ul	99
14) Acetophenone	8.60	105	206796	23.94	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	105660	23.17	ng/ul	97
16) 4-Methylphenol	8.56	108	141406	23.83	ng/ul	98
17) Hexachloroethane	8.86	117	46389	19.78	ng/ul	96
20) Nitrobenzene	8.99	77	149820	19.19	ng/ul	96
21) Isophorone	9.50	82	312261	21.39	ng/ul	99
23) 2-Nitrophenol	9.69	139	76586	20.07	ng/ul#	90
24) 2,4-Dimethylphenol	9.76	107	153528	19.48	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.99	93	178214	20.73	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	127973	19.43	ng/ul	97
28) Naphthalene	10.63	128	416212	19.66	ng/ul	100
30) 4-Chloroaniline	10.74	127	176450	25.75	ng/ul	98
31) Hexachlorobutadiene	10.90	225	72132	16.39	ng/ul	98
32) Caprolactam	11.50	113	34674	15.78	ng/ul	95
33) 4-Chloro-3-methylphenol	11.87	107	153556	21.28	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	310170	20.02	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	154682	17.18	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	97303	17.20	ng/ul	97
38) 2,4,6-Trichlorophenol	12.86	196	106917	18.22	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	118368	18.31	ng/ul	97
40) 1,1'-Biphenyl	13.26	154	407560	18.42	ng/ul	100
41) 2-Chloronaphthalene	13.30	162	317027	18.59	ng/ul	98
42) 2-Nitroaniline	13.50	65	106537	20.76	ng/ul	97
44) Dimethylphthalate	13.88	163	424736	19.98	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	88024	20.48	ng/ul	97
47) Acenaphthylene	14.15	152	536689	19.64	ng/ul	100
48) 3-Nitroaniline	14.33	138	92080	23.12	ng/ul	99
49) Acenaphthene	14.49	153	346107	19.20	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	31150	12.95	ng/ul	91
52) 4-Nitrophenol	14.66	109	59489	14.55	ng/ul	84
53) Dibenzofuran	14.82	168	496655	19.30	ng/ul	100
54) 2,4-Dinitrotoluene	14.80	165	131714	21.00	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.06	232	85649	15.16	ng/ul	94
56) Diethylphthalate	15.24	149	443416	20.45	ng/ul	99
58) Fluorene	15.47	166	405123	19.67	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	194725	18.92	ng/ul	95
60) 4-Nitroaniline	15.50	138	97350	20.04	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.56	198	67545	17.90	ng/ul#	98
64) N-Nitrosodiphenylamine	15.68	169	361250	19.07	ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	124723	17.93	ng/ul	99
66) Hexachlorobenzene	16.47	284	142988	18.04	ng/ul	97
67) Atrazine	16.63	200	139928	19.74	ng/ul	99
68) Pentachlorophenol	16.83	266	56626	11.90	ng/ul	99
69) Phenanthrene	17.21	178	666581	19.10	ng/ul	99
71) Anthracene	17.30	178	684352	19.24	ng/ul	99
72) Carbazole	17.57	167	643772	20.86	ng/ul	99
73) Di-n-butylphthalate	18.13	149	795671	21.24	ng/ul	99
74) Fluoranthene	19.23	202	799583	20.36	ng/ul	97
77) Pyrene	19.59	202	823969	20.15	ng/ul	96
78) Butylbenzylphthalate	20.48	149	385055	22.34	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.26	252	280233	21.73	ng/ul	99
80) Benzo(a)anthracene	21.33	228	827184	19.79	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	537784	22.10	ng/ul#	99
82) Chrysene	21.39	228	770007	19.36	ng/ul	98
84) Di-n-octyl phthalate	22.14	149	966053	22.62	ng/ul	100
85) Benzo(b)fluoranthene	22.93	252	867024	19.74	ng/ul	98
86) Benzo(k)fluoranthene	22.98	252	813512	19.57	ng/ul	99
88) Benzo(a)pyrene	23.52	252	830992	19.50	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	977271	19.31	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.93	278	817391	19.39	ng/ul	98
91) Benzo(g,h,i)perylene	26.63	276	829323	19.49	ng/ul	97

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

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