Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005513.D
Acq On : 20 May 2016 00:20
Operator : UM/SJ
Sample : H2890-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WT2

Quant Time: May 20 08:02:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 07:06:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.84
18) Naphthalene-d8	10.54	136	161	20.00	ng/ul	-0.09
35) Acenaphthene-d10	14.44	164	2265	20.00	ng/ul	-0.03
61) Phenanthrene-d10	17.30	188	851616	20.00	ng/ul	0.10
75) Chrysene-d12	21.56	240	1609	20.00	ng/ul	0.18
83) Perylene-d12	23.88	264	280	20.00	ng/ul	0.21
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	6588	0.00	ng/uL	0.00
5) Phenol-d5	7.00	99	180271	0.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	112995	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	154851	0.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	153907	0.00	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	83144	71731.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	93368	73846.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	169570	67481.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	149476	51718.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	592781	3183.60	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	746432	3395.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	53035	1388.25	ng/ul	0.01
57) Fluorene-d10	15.46	176	541891	3298.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	1434	0.32	ng/ul	0.06
70) Anthracene-d10	17.30	188	851616	21.74	ng/ul	0.00
76) Pyrene-d10	19.59	212	1007094	15566.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	
Target Compounds						Qvalue
20) Nitrobenzene	8.94	77	3273	1132.93	ng/ul#	50
21) Isophorone	9.49	82	221	37.39	ng/ul#	1
24) 2,4-Dimethylphenol	9.83	107	2889	949.38	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.87	93	149	42.56	ng/ul#	25
28) Naphthalene	10.67	128	638723	78140.05	ng/ul	99
30) 4-Chloroaniline	10.67	127	82675	26874.81	ng/ul#	10
32) Caprolactam	11.55	113	1001	1031.91	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.79	107	3465	1105.01	ng/ul#	21
34) 2-Methylnaphthalene	12.29	142	597789	92992.96	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	319	4.64	ng/ul#	10
40) 1,1'-Biphenyl	13.30	154	62978	346.87	ng/ul#	98
41) 2-Chloronaphthalene	13.25	162	372	2.67	ng/ul#	1
42) 2-Nitroaniline	13.52	65	655	14.88	ng/ul#	43
44) Dimethylphthalate	13.92	163	206826	1089.47	ng/ul	97
45) 2,6-Dinitrotoluene	14.00	165	460	12.59	ng/ul#	1
47) Acenaphthylene	14.19	152	17456	76.67	ng/ul#	33
48) 3-Nitroaniline	14.33	138	236	6.06	ng/ul#	1
49) Acenaphthene	14.53	153	19462	125.15	ng/ul	93
52) 4-Nitrophenol	14.63	109	357	10.44	ng/ul#	20
53) Dibenzofuran	14.86	168	193988	855.18	ng/ul	94
54) 2,4-Dinitrotoluene	14.79	165	104	1.88	ng/ul#	52
58) Fluorene	15.51	166	19693	104.97	ng/ul#	63
59) 4-Chlorophenyl-phenylether	15.53	204	126	1.40	ng/ul#	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) 4-Nitroaniline	15.50	138	1974	43.22	ng/ul#	69
66) Hexachlorobenzene	16.51	284	37351	3.73	ng/ul	97
69) Phenanthrene	17.25	178	724317	14.95	ng/ul	100
74) Fluoranthene	19.26	202	748501	13.21	ng/ul	97
77) Pyrene	19.86	202	8339	96.73	ng/ul#	81
78) Butylbenzylphthalate	20.69	149	582	15.90	ng/ul#	32
79) 3,3'-Dichlorobenzidine	21.49	252	984	31.94	ng/ul#	65
80) Benzo(a)anthracene	21.42	228	594347	6287.16	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.50	149	795	14.52	ng/ul#	30
82) Chrysene	21.53	228	33550	375.19	ng/ul#	28
84) Di-n-octyl phthalate	22.41	149	2763	185.91	ng/ul#	1
85) Benzo(b)fluoranthene	23.15	252	74127	4625.92	ng/ul#	71
86) Benzo(k)fluoranthene	23.22	252	1029	66.10	ng/ul#	1
88) Benzo(a)pyrene	23.81	252	2267	142.39	ng/ul#	1
89) Indeno(1,2,3-cd)pyrene	26.20	276	538	25.66	ng/ul#	1
90) Dibenzo(a,h)anthracene	26.24	278	61239	3516.14	ng/ul#	77
91) Benzo(g,h,i)perylene	26.92	276	334	18.38	ng/ul#	1

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

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