Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM050216\
Data File : BM005187.D
Acq On : 02 May 2016 11:44
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Quant Time: May 02 12:25:34 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 30 03:07:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	33685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	153438	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	89929	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	190725	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	190896	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	181982	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	5926	8.94	ng/uL	0.00
5) Phenol-d5	6.96	99	61858	22.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	37326	23.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	48674	22.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	50234	21.26	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	24009	22.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	26150	22.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	49202	21.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	65091	24.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	149154	21.00	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	185583	21.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	23695	19.09	ng/ul	0.00
57) Fluorene-d10	15.42	176	129168	20.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	20580	18.97	ng/ul	0.00
70) Anthracene-d10	17.27	188	189857	22.20	ng/ul	0.00
76) Pyrene-d10	19.57	212	197302	22.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	173728	21.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	11070	9.00	ng/uL	94
4) Benzaldehyde	6.93	77	38046	27.50	ng/ul	98
6) Phenol	6.98	94	65231	22.46	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.21	93	50416	22.64	ng/ul	98
10) 2-Chlorophenol	7.35	128	49634	21.91	ng/ul	97
11) 2-Methylphenol	8.23	108	48911	21.57	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	68047	23.62	ng/ul	97
14) Acetophenone	8.60	105	80212	22.56	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.59	70	40440	22.71	ng/ul	96
16) 4-Methylphenol	8.55	108	54883	21.75	ng/ul	98
17) Hexachloroethane	8.86	117	19561	21.68	ng/ul	91
20) Nitrobenzene	8.99	77	60216	23.03	ng/ul	98
21) Isophorone	9.50	82	111904	22.53	ng/ul	98
23) 2-Nitrophenol	9.69	139	28948	22.46	ng/ul	92
24) 2,4-Dimethylphenol	9.75	107	60030	21.64	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	69624	22.56	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	50326	21.74	ng/ul	97
28) Naphthalene	10.62	128	168245	21.74	ng/ul	99
30) 4-Chloroaniline	10.73	127	66585	24.77	ng/ul	98
31) Hexachlorobutadiene	10.90	225	31287	20.48	ng/ul	98
32) Caprolactam	11.49	113	14031	17.52	ng/ul	88
33) 4-Chloro-3-methylphenol	11.86	107	56405	21.31	ng/ul	96
34) 2-Methylnaphthalene	12.24	142	121977	21.29	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	62701	22.32	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	35861	21.51	ng/ul	97
38) 2,4,6-Trichlorophenol	12.85	196	39515	22.11	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	43485	21.72	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	161581	22.71	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	121119	22.38	ng/ul	100
42) 2-Nitroaniline	13.50	65	34432	23.46	ng/ul	93
44) Dimethylphthalate	13.88	163	150137	21.08	ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	29312	21.31	ng/ul	90
47) Acenaphthylene	14.14	152	199466	22.29	ng/ul	99
48) 3-Nitroaniline	14.33	138	31340	22.39	ng/ul	96
49) Acenaphthene	14.49	153	129598	22.01	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	13941	17.36	ng/ul	96
52) 4-Nitrophenol	14.64	109	23516	21.18	ng/ul	94
53) Dibenzofuran	14.83	168	185575	21.37	ng/ul	100
54) 2,4-Dinitrotoluene	14.80	165	42843	20.50	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.06	232	34349	19.76	ng/ul	98
56) Diethylphthalate	15.24	149	145845	20.29	ng/ul	98
58) Fluorene	15.47	166	145091	21.52	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	72233	21.24	ng/ul	98
60) 4-Nitroaniline	15.50	138	30889	20.47	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.56	198	22024	19.28	ng/ul	98
64) N-Nitrosodiphenylamine	15.69	169	124219	23.69	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	42188	22.66	ng/ul	98
66) Hexachlorobenzene	16.48	284	45913	21.65	ng/ul	98
67) Atrazine	16.63	200	41788	21.63	ng/ul	99
68) Pentachlorophenol	16.83	266	28284	23.13	ng/ul	98
69) Phenanthrene	17.22	178	223943	22.06	ng/ul	99
71) Anthracene	17.30	178	228592	22.34	ng/ul	100
72) Carbazole	17.58	167	199959	22.79	ng/ul	99
73) Di-n-butylphthalate	18.13	149	224378	21.84	ng/ul	100
74) Fluoranthene	19.23	202	243812	21.83	ng/ul	100
77) Pyrene	19.60	202	251678	22.82	ng/ul	99
78) Butylbenzylphthalate	20.50	149	94156	22.20	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.28	252	76527	22.41	ng/ul	97
80) Benzo(a)anthracene	21.34	228	237183	21.71	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	134505	22.58	ng/ul	98
82) Chrysene	21.40	228	227852	21.79	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	231205	20.44	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	235874	21.52	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	218027	20.45	ng/ul	99
88) Benzo(a)pyrene	23.54	252	219921	21.49	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.95	276	238805	24.45	ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	202131	24.77	ng/ul	98
91) Benzo(g,h,i)perylene	26.65	276	198471	24.84	ng/ul	100

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

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