Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123114\
Data File : BM000099.D
Acq On : 31 Dec 2014 20:14
Operator : TP/IZ
Sample : SSTD02010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 01 01:22:22 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 01 01:16:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	226155	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	970085	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	700445	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1427111	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1385568	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	1066246	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	29593	7.59	ng/uL	0.00
5) Phenol-d5	7.00	99	372351	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	227945	19.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	271445	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	295507	19.09	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	139543	20.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	145796	21.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	292789	19.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	378799	22.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	983195	19.03	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1169358	18.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	148683	17.82	ng/ul	0.00
57) Fluorene-d10	15.47	176	826324	18.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	136230	19.25	ng/ul	0.00
70) Anthracene-d10	17.32	188	1260558	19.10	ng/ul	0.00
76) Pyrene-d10	19.61	212	1362819	21.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	947896	19.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	39535	7.31	ng/uL	97
4) Benzaldehyde	6.98	77	270703	22.18	ng/ul	96
6) Phenol	7.02	94	389353	19.09	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.27	93	297322	19.07	ng/ul	95
10) 2-Chlorophenol	7.41	128	279882	19.17	ng/ul	96
11) 2-Methylphenol	8.28	108	300585	19.10	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.38	45	492493	19.61	ng/ul	99
14) Acetophenone	8.66	105	512547	19.40	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.64	70	273852	19.80	ng/ul	93
16) 4-Methylphenol	8.61	108	324834	19.08	ng/ul	99
17) Hexachloroethane	8.92	117	125971	18.89	ng/ul	90
20) Nitrobenzene	9.04	77	409307	20.47	ng/ul	96
21) Isophorone	9.56	82	752650	19.52	ng/ul	99
23) 2-Nitrophenol	9.75	139	159033	21.03	ng/ul	92
24) 2,4-Dimethylphenol	9.81	107	407089	19.83	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	412527	19.22	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	297601	19.71	ng/ul	99
28) Naphthalene	10.69	128	958432	19.38	ng/ul	99
30) 4-Chloroaniline	10.79	127	353955	19.94	ng/ul	99
31) Hexachlorobutadiene	10.97	225	214518	20.04	ng/ul	96
32) Caprolactam	11.54	113	89159	17.73	ng/ul	89
33) 4-Chloro-3-methylphenol	11.91	107	371410	20.05	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	707968	19.30	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	375566	19.34 ng/ul#	98
37) Hexachlorocyclopentadiene	12.64	237	248455	19.36 ng/ul	99
38) 2,4,6-Trichlorophenol	12.90	196	244713	19.75 ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	264865	19.69 ng/ul	98
40) 1,1'-Biphenyl	13.30	154	978622	19.39 ng/ul	100
41) 2-Chloronaphthalene	13.35	162	747321	19.31 ng/ul	97
42) 2-Nitroaniline	13.56	65	262201	20.91 ng/ul	95
44) Dimethylphthalate	13.93	163	1001542	19.46 ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	191863	20.85 ng/ul	89
47) Acenaphthylene	14.20	152	1242720	19.04 ng/ul	100
48) 3-Nitroaniline	14.38	138	198285	21.04 ng/ul	97
49) Acenaphthene	14.54	153	788804	18.96 ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	89665	19.19 ng/ul	97
52) 4-Nitrophenol	14.68	109	212388	19.14 ng/ul	94
53) Dibenzofuran	14.87	168	1135899	18.86 ng/ul	94
54) 2,4-Dinitrotoluene	14.84	165	277584	20.21 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.10	232	230081	19.83 ng/ul	93
56) Diethylphthalate	15.29	149	1028018	19.01 ng/ul	98
58) Fluorene	15.52	166	931291	18.63 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	468744	19.02 ng/ul	94
60) 4-Nitroaniline	15.55	138	204633	19.21 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.59	198	145301	20.07 ng/ul#	90
64) N-Nitrosodiphenylamine	15.73	169	802005	19.38 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	286803	19.72 ng/ul	95
66) Hexachlorobenzene	16.53	284	330262	19.70 ng/ul	93
67) Atrazine	16.68	200	316081	19.36 ng/ul	96
68) Pentachlorophenol	16.87	266	185457	18.18 ng/ul	97
69) Phenanthrene	17.26	178	1493130	19.33 ng/ul	99
71) Anthracene	17.35	178	1528942	19.25 ng/ul	99
72) Carbazole	17.61	167	1365610	19.09 ng/ul	99
73) Di-n-butylphthalate	18.19	149	1700171	19.92 ng/ul	99
74) Fluoranthene	19.27	202	1700945	19.21 ng/ul	99
77) Pyrene	19.64	202	1754122	21.01 ng/ul	99
78) Butylbenzylphthalate	20.54	149	723208	21.31 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.32	252	486079	19.19 ng/ul	100
80) Benzo(a)anthracene	21.39	228	1532581	19.16 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	984256	19.93 ng/ul#	99
82) Chrysene	21.44	228	1441840	19.56 ng/ul	99
84) Di-n-octyl phthalate	22.21	149	1567644	21.38 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	1429267	21.01 ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	1122756	19.33 ng/ul	100
88) Benzo(a)pyrene	23.59	252	1171369	19.60 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.03	276	1178922	18.91 ng/ul	97
90) Dibenzo(a,h)anthracene	26.04	278	995944	18.97 ng/ul	99
91) Benzo(g,h,i)perylene	26.75	276	970977	18.95 ng/ul	98

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

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