Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020817\
Data File : BM008982.D
Acq On : 08 Feb 2017 12:14
Operator : SJ/MA
Sample : SSTD02037
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02037

Quant Time: Feb 08 13:47:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM020817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 08 13:42:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	180759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.71	136	757750	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	554059	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1225446	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1595115	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	1513755	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	40092	8.87	ng/uL	0.00
5) Phenol-d5	7.06	99	326351	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	245579	17.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	224881	21.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	243137	19.05	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	108550	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	121113	19.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	251216	19.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	269356	22.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	790723	19.47	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	958418	20.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	130965	19.76	ng/ul	0.00
57) Fluorene-d10	15.54	176	730141	19.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	138720	17.48	ng/ul	0.00
70) Anthracene-d10	17.39	188	1171960	20.02	ng/ul	0.00
76) Pyrene-d10	19.68	212	1404982	19.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	1393701	20.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	41212	7.24	ng/uL#	70
4) Benzaldehyde	7.05	77	273371	16.19	ng/ul#	82
6) Phenol	7.09	94	358864	20.04	ng/ul#	66
8) Bis(2-Chloroethyl)ether	7.33	93	283269	20.92	ng/ul	83
10) 2-Chlorophenol	7.47	128	237763	22.07	ng/ul#	81
11) 2-Methylphenol	8.34	108	251146	20.00	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.44	45	453008	16.89	ng/ul	97
14) Acetophenone	8.73	105	435835	18.19	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.71	70	258164	16.40	ng/ul#	78
16) 4-Methylphenol	8.67	108	273467	20.39	ng/ul	87
17) Hexachloroethane	8.99	117	112183	16.36	ng/ul#	80
20) Nitrobenzene	9.12	77	377016	15.04	ng/ul#	89
21) Isophorone	9.63	82	646475	17.38	ng/ul#	94
23) 2-Nitrophenol	9.82	139	130149	20.60	ng/ul#	53
24) 2,4-Dimethylphenol	9.87	107	326680	17.02	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.12	93	380577	20.13	ng/ul	99
27) 2,4-Dichlorophenol	10.35	162	254168	19.78	ng/ul#	87
28) Naphthalene	10.76	128	777073	20.69	ng/ul	98
30) 4-Chloroaniline	10.87	127	280085	22.73	ng/ul	98
31) Hexachlorobutadiene	11.03	225	204918	16.15	ng/ul	95
32) Caprolactam	11.65	113	75005	19.22	ng/ul#	71
33) 4-Chloro-3-methylphenol	11.98	107	285497	16.72	ng/ul#	93
34) 2-Methylnaphthalene	12.37	142	575170	19.56	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.73	216	371790	19.99 ng/ul#	96
37) Hexachlorocyclopentadiene	12.70	237	219581	15.51 ng/ul	97
38) 2,4,6-Trichlorophenol	12.97	196	212983	18.97 ng/ul	93
39) 2,4,5-Trichlorophenol	13.04	196	230381	18.82 ng/ul	99
40) 1,1'-Biphenyl	13.38	154	797319	21.17 ng/ul	95
41) 2-Chloronaphthalene	13.42	162	619975	21.00 ng/ul	95
42) 2-Nitroaniline	13.63	65	219376	13.78 ng/ul#	83
44) Dimethylphthalate	14.00	163	785718	19.83 ng/ul	97
45) 2,6-Dinitrotoluene	14.13	165	145936	19.24 ng/ul#	73
47) Acenaphthylene	14.27	152	942603	20.79 ng/ul	100
48) 3-Nitroaniline	14.46	138	145005	22.28 ng/ul#	81
49) Acenaphthene	14.61	153	669138	20.56 ng/ul	100
50) 2,4-Dinitrophenol	14.66	184	89487	15.62 ng/ul#	72
52) 4-Nitrophenol	14.75	109	163291	11.30 ng/ul#	81
53) Dibenzofuran	14.94	168	998420	20.13 ng/ul	92
54) 2,4-Dinitrotoluene	14.91	165	219465	19.05 ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	15.17	232	214850	18.21 ng/ul#	89
56) Diethylphthalate	15.36	149	803426	18.30 ng/ul	98
58) Fluorene	15.59	166	820763	19.45 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.59	204	443463	18.39 ng/ul	95
60) 4-Nitroaniline	15.62	138	162982	19.36 ng/ul#	40
63) 4,6-Dinitro-2-methylphenol	15.67	198	148510	18.50 ng/ul#	78
64) N-Nitrosodiphenylamine	15.80	169	709322	20.93 ng/ul	97
65) 4-Bromophenyl-phenylether	16.48	248	277310	19.27 ng/ul	91
66) Hexachlorobenzene	16.59	284	307728	19.86 ng/ul#	91
67) Atrazine	16.74	200	274068	17.92 ng/ul	95
68) Pentachlorophenol	16.93	266	174996	17.77 ng/ul	92
69) Phenanthrene	17.33	178	1350280	20.37 ng/ul	99
71) Anthracene	17.42	178	1392848	20.43 ng/ul	97
72) Carbazole	17.70	167	1213771	20.03 ng/ul	99
73) Di-n-butylphthalate	18.24	149	1385064	19.30 ng/ul#	97
74) Fluoranthene	19.34	202	1676443	18.93 ng/ul#	93
77) Pyrene	19.71	202	1774950	20.11 ng/ul#	93
78) Butylbenzylphthalate	20.59	149	627359	19.15 ng/ul	87
79) 3,3'-Dichlorobenzidine	21.38	252	627646	20.15 ng/ul	99
80) Benzo(a)anthracene	21.44	228	1853699	20.10 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.36	149	916791	20.00 ng/ul	95
82) Chrysene	21.50	228	1764146	20.24 ng/ul	99
84) Di-n-octyl phthalate	22.26	149	1623780	17.70 ng/ul#	89
85) Benzo(b)fluoranthene	23.10	252	1865781	20.37 ng/ul#	97
86) Benzo(k)fluoranthene	23.14	252	1772351	20.20 ng/ul#	99
88) Benzo(a)pyrene	23.71	252	1792140	20.48 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.21	276	1952853	20.75 ng/ul#	93
90) Dibenzo(a,h)anthracene	26.23	278	1659261	20.65 ng/ul#	95
91) Benzo(g,h,i)perylene	26.95	276	1622058	21.04 ng/ul#	92

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

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