Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022015\
Data File : BM000554.D
Acq On : 20 Feb 2015 11:25
Operator : TP/IZ
Sample : SSTD00520
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00520

Quant Time: Feb 21 00:45:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-MA-BM022015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 20 23:59:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	105224	20.00	ng/ul	0.00
16) Naphthalene-d8	10.46	136	465117	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.33	164	317889	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.07	188	689849	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	500975	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	385135	20.00	ng/ul	0.00
System Monitoring Compounds						
3) Phenol-d5	6.85	99	43287	4.57	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.01	67	27523	4.90	ng/ul	0.00
7) 2-Chlorophenol-d4	7.21	132	36972	5.16	ng/ul	0.00
11) 4-Methylphenol-d8	8.39	113	36262	5.02	ng/ul	0.00
17) Nitrobenzene-d5	8.83	128	16772	5.17	ng/ul	0.00
20) 2-Nitrophenol-d4	9.55	143	18741	5.96	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.09	165	43787	6.46	ng/ul	0.00
27) 4-Chloroaniline-d4	10.60	131	33806	4.61	ng/ul	0.00
41) Dimethylphthalate-d6	13.74	166	135586	6.31	ng/ul	0.00
44) Acenaphthylene-d8	14.02	160	182578	6.08	ng/ul	0.00
49) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
55) Fluorene-d10	15.32	176	139904	6.50	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
68) Anthracene-d10	17.17	188	193075	5.93	ng/ul	0.00
76) Pyrene-d10	19.47	212	179163	7.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	106654	6.13	ng/ul	0.00
Target Compounds						Qvalue
2) Benzaldehyde	6.82	77	25648	4.32	ng/ul	94
4) Phenol	6.88	94	43341	4.37	ng/ul	99
6) Bis(2-Chloroethyl)ether	7.10	93	35849	4.60	ng/ul	100
8) 2-Chlorophenol	7.24	128	38390	5.32	ng/ul	96
9) 2-Methylphenol	8.12	108	35152	4.87	ng/ul	93
10) 2,2'-oxybis(1-Chloropropan	8.21	45	79296	7.24	ng/ul	99
12) Acetophenone	8.50	105	61769	5.62	ng/ul	98
13) N-Nitroso-di-n-propylamine	8.48	70	29032	4.79	ng/ul	99
14) 4-Methylphenol	8.45	108	39580	4.96	ng/ul	95
15) Hexachloroethane	8.75	117	16191	5.58	ng/ul	92
18) Nitrobenzene	8.87	77	43637	5.64	ng/ul	99
19) Isophorone	9.40	82	77128	4.77	ng/ul	99
21) 2-Nitrophenol	9.58	139	20744	5.93	ng/ul	95
22) 2,4-Dimethylphenol	9.65	107	51437	6.20	ng/ul	97
23) Bis(2-Chloroethoxy)methane	9.88	93	50350	5.01	ng/ul	95
25) 2,4-Dichlorophenol	10.11	162	42069	6.37	ng/ul	91
26) Naphthalene	10.51	128	147968	6.06	ng/ul	99
28) 4-Chloroaniline	10.63	127	34243	4.81	ng/ul	94
29) Hexachlorobutadiene	10.80	225	30830	7.88	ng/ul	95
30) Caprolactam	11.39	113	8502	3.09	ng/ul	94
31) 4-Chloro-3-methylphenol	11.76	107	45700	6.12	ng/ul	99
32) 2-Methylnaphthalene	12.13	142	111525	6.41	ng/ul	95
34) 1,2,4,5-Tetrachlorobenzene	12.50	216	62483	7.10	ng/ul	96
35) Hexachlorocyclopentadiene	12.48	237	31289	7.46	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2,4,6-Trichlorophenol	12.75	196	35461	6.86	ng/ul	97
37) 2,4,5-Trichlorophenol	12.82	196	38611	6.78	ng/ul	98
38) 1,1'-Biphenyl	13.15	154	159612	6.49	ng/ul	99
39) 2-Chloronaphthalene	13.19	162	119723	6.45	ng/ul	100
42) Dimethylphthalate	13.79	163	146842	6.55	ng/ul	99
43) 2,6-Dinitrotoluene	13.90	165	22814	5.70	ng/ul	93
45) Acenaphthylene	14.05	152	187571	5.94	ng/ul	99
47) Acenaphthene	14.39	153	127150	6.07	ng/ul	98
51) Dibenzofuran	14.73	168	187032	6.54	ng/ul	100
52) 2,4-Dinitrotoluene	14.70	165	36837	6.41	ng/ul#	89
53) 2,3,4,6-Tetrachlorophenol	14.96	232	32305	6.87	ng/ul#	97
54) Diethylphthalate	15.16	149	137350	6.03	ng/ul	98
56) Fluorene	15.37	166	149958	6.09	ng/ul	99
57) 4-Chlorophenyl-phenylether	15.37	204	77786	6.81	ng/ul	99
62) N-Nitrosodiphenylamine	15.59	169	124453	5.88	ng/ul	95
63) 4-Bromophenyl-phenylether	16.26	248	43471	6.15	ng/ul	93
64) Hexachlorobenzene	16.38	284	48586	6.07	ng/ul	98
65) Atrazine	16.55	200	36702	5.30	ng/ul	95
67) Phenanthrene	17.12	178	229264	6.06	ng/ul	99
69) Anthracene	17.20	178	228962	5.94	ng/ul	99
70) 1,2,3,4-Tetrachlorobenzene	13.12	216	59426	6.69	ng/uL#	88
71) Pentachlorobenzene	14.65	250	58851	6.78	ng/uL	91
72) Carbazole	17.47	167	184055	5.15	ng/ul	100
73) Di-n-butylphthalate	18.04	149	175286	4.59	ng/ul	99
74) Fluoranthene	19.13	202	225728	5.49	ng/ul	98
77) Pyrene	19.50	202	232682	7.34	ng/ul	99
78) Butylbenzylphthalate	20.40	149	58860	4.97	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.19	252	34077	4.97	ng/ul	96
80) Benzo(a)anthracene	21.24	228	173455	6.23	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.18	149	80897	5.23	ng/ul	97
82) Chrysene	21.30	228	168228	6.35	ng/ul	98
84) Di-n-octyl phthalate	22.05	149	130055	6.18	ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	145490	6.67	ng/ul	98
86) Benzo(k)fluoranthene	22.86	252	135586	6.26	ng/ul	98
88) Benzo(a)pyrene	23.38	252	132429	6.23	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.70	276	136581	5.65	ng/ul	98
90) Dibenzo(a,h)anthracene	25.71	278	113858	5.65	ng/ul	96
91) Benzo(g,h,i)perylene	26.38	276	113536	5.62	ng/ul	96

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

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