Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004526.D
Acq On : 03 Mar 2016 11:05
Operator : SJ/UM
Sample : SSTD02036
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 03 12:37:41 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 03 12:17:26 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02036

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	23060	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	110700	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	71935	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	166319	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	167017	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	128752	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	3767	8.61	ng/uL	0.00
5) Phenol-d5	6.79	99	38598	19.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	19657	19.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	34923	20.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	34824	20.15	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	17540	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	20402	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	36592	21.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	49952	23.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	127117	20.60	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	152160	21.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	18463	18.62	ng/ul	0.00
58) Fluorene-d10	15.26	176	109011	20.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	22196	21.72	ng/ul	0.00
71) Anthracene-d10	17.11	188	172180	21.13	ng/ul	0.00
79) Pyrene-d10	19.42	212	186499	23.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	146461	21.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	4084	8.10	ng/uL#	90
4) Benzaldehyde	6.75	77	24353	23.28	ng/ul	92
6) Phenol	6.81	94	41340	20.05	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.02	93	31700	20.77	ng/ul	94
10) 2-Chlorophenol	7.16	128	36103	20.83	ng/ul	96
11) 2-Methylphenol	8.06	108	33750	20.07	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	28712	19.59	ng/ul	97
14) Acetophenone	8.42	105	57162	21.11	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.40	70	26086	20.05	ng/ul	92
16) 4-Methylphenol	8.38	108	37906	20.56	ng/ul	97
17) Hexachloroethane	8.65	117	13565	20.59	ng/ul	97
20) Nitrobenzene	8.80	77	36834	20.01	ng/ul	94
21) Isophorone	9.32	82	76654	20.09	ng/ul	97
23) 2-Nitrophenol	9.50	139	22868	21.17	ng/ul	93
24) 2,4-Dimethylphenol	9.57	107	44061	20.43	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	47048	20.46	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	38403	21.00	ng/ul	99
28) Naphthalene	10.43	128	127738	20.69	ng/ul	100
30) 4-Chloroaniline	10.55	127	53112	23.32	ng/ul	100
31) Hexachlorobutadiene	10.70	225	23963	20.88	ng/ul	99
32) Caprolactam	11.32	113	11848m	18.61	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	42946	20.06	ng/ul	95
34) 2-Methylnaphthalene	12.05	142	96905	20.98	ng/ul	99

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35) 1-Methylnaphthalene	12.27	142	92111	20.97	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	50270	21.02	ng/ul	98
38) Hexachlorocyclopentadiene	12.40	237	14666	16.44	ng/ul	97
39) 2,4,6-Trichlorophenol	12.69	196	32009	20.59	ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	34637	20.53	ng/ul	100
41) 1,1'-Biphenyl	13.08	154	128581	20.80	ng/ul	99
42) 2-Chloronaphthalene	13.12	162	98259	20.89	ng/ul	98
43) 2-Nitroaniline	13.34	65	22483	18.96	ng/ul	94
45) Dimethylphthalate	13.72	163	132354	20.57	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	27286	21.15	ng/ul	94
48) Acenaphthylene	13.97	152	162437	20.67	ng/ul	99
49) 3-Nitroaniline	14.19	138	26918	21.03	ng/ul	96
50) Acenaphthene	14.32	153	111340	20.75	ng/ul	98
51) 2,4-Dinitrophenol	14.42	184	12327	21.06	ng/ul#	87
53) 4-Nitrophenol	14.52	109	12462	16.81	ng/ul	87
54) Dibenzofuran	14.66	168	156870	20.93	ng/ul	97
55) 2,4-Dinitrotoluene	14.65	165	40425	20.98	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.90	232	30236	21.64	ng/ul#	95
57) Diethylphthalate	15.09	149	137184	20.61	ng/ul	100
59) Fluorene	15.31	166	130023	20.93	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.30	204	65124	21.37	ng/ul	93
61) 4-Nitroaniline	15.36	138	28470	20.63	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.42	198	23873	21.69	ng/ul	93
65) N-Nitrosodiphenylamine	15.53	169	113750	21.38	ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	39336	21.71	ng/ul	95
67) Hexachlorobenzene	16.32	284	43630	21.66	ng/ul	93
68) Atrazine	16.48	200	41445	21.00	ng/ul	98
69) Pentachlorophenol	16.68	266	17381	21.86	ng/ul	97
70) Phenanthrene	17.06	178	209939	21.02	ng/ul	99
72) Anthracene	17.14	178	214493	21.13	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	47826	21.58	ng/uL	100
74) Pentachlorobenzene	14.59	250	49190	21.60	ng/uL	99
75) Carbazole	17.43	167	187298	21.17	ng/ul	99
76) Di-n-butylphthalate	17.98	149	238740	19.44	ng/ul	99
77) Fluoranthene	19.09	202	241338	21.32	ng/ul	99
80) Pyrene	19.45	202	250863	22.98	ng/ul	99
81) Butylbenzylphthalate	20.36	149	100841	20.99	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.14	252	76453	22.72	ng/ul	99
83) Benzo(a)anthracene	21.21	228	226097	21.04	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	141912	19.99	ng/ul	98
85) Chrysene	21.26	228	215362	20.84	ng/ul	99
87) Di-n-octyl phthalate	22.00	149	222304	20.98	ng/ul#	95
88) Benzo(b)fluoranthene	22.77	252	187080	21.50	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	182281	22.23	ng/ul	100
91) Benzo(a)pyrene	23.34	252	173998	21.52	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	163244	21.59	ng/ul	100
93) Dibenzo(a,h)anthracene	25.66	278	136859	21.93	ng/ul	99
94) Benzo(g,h,i)perylene	26.34	276	136928	22.02	ng/ul	100

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

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