Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004872.D
Acq On : 02 Apr 2016 11:07
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Quant Time: Apr 04 00:35:26 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 04 00:33:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	42659	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	202997	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	129130	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	309776	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	380785	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	405034	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8056	7.64	ng/uL	0.00
5) Phenol-d5	6.99	99	70759	18.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	39564	19.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	54245	18.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	59239	18.61	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	26962	18.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	29993	18.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	58782	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	80299	22.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	194871	19.13	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	235376	19.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	36932	18.34	ng/ul	0.00
58) Fluorene-d10	15.45	176	170747	19.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	32799	17.67	ng/ul	0.00
71) Anthracene-d10	17.30	188	269555	19.45	ng/ul	0.00
79) Pyrene-d10	19.60	212	312281	18.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	339587	18.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	10151	7.91	ng/uL	95
4) Benzaldehyde	6.97	77	39482	22.34	ng/ul	97
6) Phenol	7.01	94	75708	19.12	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	57734	19.25	ng/ul	94
10) 2-Chlorophenol	7.39	128	57614	19.02	ng/ul	94
11) 2-Methylphenol	8.26	108	57312	18.35	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	72283	19.76	ng/ul#	92
14) Acetophenone	8.64	105	94337	19.59	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.62	70	45944	18.85	ng/ul	93
16) 4-Methylphenol	8.59	108	65040	18.69	ng/ul	97
17) Hexachloroethane	8.90	117	21941	18.89	ng/ul	98
20) Nitrobenzene	9.02	77	67124	19.42	ng/ul	97
21) Isophorone	9.53	82	130506	18.97	ng/ul	96
23) 2-Nitrophenol	9.73	139	34046	19.49	ng/ul	97
24) 2,4-Dimethylphenol	9.79	107	72357	19.60	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.02	93	82518	19.25	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	60617	19.66	ng/ul	99
28) Naphthalene	10.66	128	200696	19.55	ng/ul	100
30) 4-Chloroaniline	10.77	127	85394	22.71	ng/ul	99
31) Hexachlorobutadiene	10.95	225	36089	19.24	ng/ul	98
32) Caprolactam	11.52	113	19100	16.37	ng/ul	84
33) 4-Chloro-3-methylphenol	11.89	107	69527	19.66	ng/ul	100
34) 2-Methylnaphthalene	12.27	142	149240	19.51	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.49	142	145845	19.67	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	76637	19.17	ng/ul	98
38) Hexachlorocyclopentadiene	12.62	237	39714	16.71	ng/ul	98
39) 2,4,6-Trichlorophenol	12.89	196	49859	18.90	ng/ul	99
40) 2,4,5-Trichlorophenol	12.96	196	55418	19.11	ng/ul	99
41) 1,1'-Biphenyl	13.29	154	202724	19.34	ng/ul	99
42) 2-Chloronaphthalene	13.33	162	151404	19.17	ng/ul	97
43) 2-Nitroaniline	13.54	65	42083	18.50	ng/ul	93
45) Dimethylphthalate	13.91	163	197948	19.08	ng/ul	99
46) 2,6-Dinitrotoluene	14.03	165	37546	18.60	ng/ul	92
48) Acenaphthylene	14.18	152	252539	19.47	ng/ul	99
49) 3-Nitroaniline	14.36	138	40746	19.74	ng/ul	96
50) Acenaphthene	14.52	153	167952	19.33	ng/ul	99
51) 2,4-Dinitrophenol	14.57	184	20804	15.53	ng/ul	92
53) 4-Nitrophenol	14.67	109	31528	19.10	ng/ul	92
54) Dibenzofuran	14.86	168	244085	19.36	ng/ul	95
55) 2,4-Dinitrotoluene	14.82	165	58574	19.28	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.08	232	49003	19.01	ng/ul	96
57) Diethylphthalate	15.28	149	200279	19.06	ng/ul	98
59) Fluorene	15.50	166	198167	19.72	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.50	204	96445	19.72	ng/ul	93
61) 4-Nitroaniline	15.53	138	43690	18.05	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.59	198	35783	17.98	ng/ul	97
65) N-Nitrosodiphenylamine	15.72	169	171275	19.07	ng/ul	98
66) 4-Bromophenyl-phenylether	16.39	248	59046	19.11	ng/ul	94
67) Hexachlorobenzene	16.51	284	66913	19.02	ng/ul	95
68) Atrazine	16.66	200	62781	19.06	ng/ul	99
69) Pentachlorophenol	16.85	266	39325	17.98	ng/ul	98
70) Phenanthrene	17.24	178	331758	19.42	ng/ul	100
72) Anthracene	17.33	178	333170	19.45	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	76620	19.03	ng/uL	99
74) Pentachlorobenzene	14.77	250	76169	18.94	ng/uL	99
75) Carbazole	17.60	167	304615	19.93	ng/ul	99
76) Di-n-butylphthalate	18.16	149	333623	18.38	ng/ul	100
77) Fluoranthene	19.26	202	389919	20.55	ng/ul	99
80) Pyrene	19.63	202	411499	18.88	ng/ul	99
81) Butylbenzylphthalate	20.52	149	158516	17.15	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.31	252	145714	19.64	ng/ul	98
83) Benzo(a)anthracene	21.37	228	413960	18.96	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	231228	17.51	ng/ul	97
85) Chrysene	21.43	228	391017	18.88	ng/ul	100
87) Di-n-octyl phthalate	22.19	149	428087	17.85	ng/ul	97
88) Benzo(b)fluoranthene	22.99	252	444967	19.17	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	418038	18.78	ng/ul	99
91) Benzo(a)pyrene	23.59	252	429620	19.08	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.01	276	514269	19.15	ng/ul	98
93) Dibenzo(a,h)anthracene	26.02	278	433612	19.43	ng/ul	99
94) Benzo(g,h,i)perylene	26.72	276	435399	18.88	ng/ul	97

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

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