Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011216\
Data File : BM003947.D
Acq On : 12 Jan 2016 10:18
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02048

Quant Time: Jan 12 13:48:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 12 00:35:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	45411	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	213911	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	124715	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	260672	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	235388	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	214479	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	7683	7.57	ng/uL	0.00
5) Phenol-d5	6.85	99	77716	20.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	45814	21.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	63626	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	64137	20.99	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	30540	18.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	31840	18.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	61410	19.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	71505	17.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	193547	19.77	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	243730	20.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	30531	17.36	ng/ul	0.00
58) Fluorene-d10	15.32	176	168767	20.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	25644	17.45	ng/ul	0.00
71) Anthracene-d10	17.17	188	246209	20.42	ng/ul	0.00
79) Pyrene-d10	19.47	212	243009	19.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	218571	20.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	8892	7.55	ng/uL	97
4) Benzaldehyde	6.81	77	50603	22.89	ng/ul	99
6) Phenol	6.87	94	85274	21.44	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.10	93	64694	21.61	ng/ul	97
10) 2-Chlorophenol	7.23	128	67323	20.79	ng/ul	96
11) 2-Methylphenol	8.12	108	64698	21.28	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	74837	22.75	ng/ul	95
14) Acetophenone	8.49	105	108296	22.76	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	53495	22.40	ng/ul	96
16) 4-Methylphenol	8.45	108	73203	22.20	ng/ul	99
17) Hexachloroethane	8.73	117	25435	20.34	ng/ul	93
20) Nitrobenzene	8.87	77	77282	20.35	ng/ul	98
21) Isophorone	9.39	82	144667	20.51	ng/ul	98
23) 2-Nitrophenol	9.57	139	38027	19.41	ng/ul	94
24) 2,4-Dimethylphenol	9.64	107	81609	20.77	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	90196	20.69	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	65865	20.35	ng/ul	98
28) Naphthalene	10.50	128	232460	20.86	ng/ul	100
30) 4-Chloroaniline	10.62	127	76795	18.31	ng/ul	100
31) Hexachlorobutadiene	10.79	225	39523	19.84	ng/ul	99
32) Caprolactam	11.37	113	18250	17.63	ng/ul	90
33) 4-Chloro-3-methylphenol	11.76	107	75339	20.81	ng/ul	98
34) 2-Methylnaphthalene	12.13	142	169880	21.56	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.34	142	160455	21.45	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	80006	20.06	ng/ul	99
38) Hexachlorocyclopentadiene	12.48	237	35267	16.87	ng/ul	99
39) 2,4,6-Trichlorophenol	12.74	196	48292	18.79	ng/ul	99
40) 2,4,5-Trichlorophenol	12.82	196	54335	19.50	ng/ul	99
41) 1,1'-Biphenyl	13.15	154	217665	20.72	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	163796	20.79	ng/ul	98
43) 2-Nitroaniline	13.40	65	42085	19.20	ng/ul	94
45) Dimethylphthalate	13.78	163	204435	20.48	ng/ul	99
46) 2,6-Dinitrotoluene	13.91	165	39419	20.04	ng/ul	96
48) Acenaphthylene	14.04	152	270952	20.73	ng/ul	99
49) 3-Nitroaniline	14.23	138	38538	18.07	ng/ul	93
50) Acenaphthene	14.39	153	181382	20.99	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	13793	14.45	ng/ul	94
53) 4-Nitrophenol	14.56	109	25114	18.07	ng/ul	94
54) Dibenzofuran	14.72	168	252940	20.91	ng/ul	99
55) 2,4-Dinitrotoluene	14.70	165	58391	20.43	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.96	232	42503	19.04	ng/ul	100
57) Diethylphthalate	15.15	149	201134	19.88	ng/ul	100
59) Fluorene	15.37	166	204787	21.34	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.37	204	96759	20.91	ng/ul	96
61) 4-Nitroaniline	15.40	138	44826	20.08	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	29067	18.52	ng/ul	95
65) N-Nitrosodiphenylamine	15.59	169	172161	21.03	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	54523	20.16	ng/ul	98
67) Hexachlorobenzene	16.38	284	60627	20.52	ng/ul	98
68) Atrazine	16.54	200	54309	19.14	ng/ul	99
69) Pentachlorophenol	16.73	266	24119	16.77	ng/ul	100
70) Phenanthrene	17.12	178	307084	20.95	ng/ul	99
72) Anthracene	17.20	178	315841	21.01	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	74635	17.85	ng/uL	99
74) Pentachlorobenzene	14.64	250	74009	19.94	ng/uL	99
75) Carbazole	17.48	167	270870	20.48	ng/ul	99
76) Di-n-butylphthalate	18.04	149	294432	18.23	ng/ul	100
77) Fluoranthene	19.14	202	318168	20.89	ng/ul	98
80) Pyrene	19.50	202	337039	21.09	ng/ul	97
81) Butylbenzylphthalate	20.41	149	106488	16.51	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.20	252	84412	20.70	ng/ul	99
83) Benzo(a)anthracene	21.26	228	290849	20.75	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	147084	17.23	ng/ul	100
85) Chrysene	21.31	228	273690	20.55	ng/ul	100
87) Di-n-octyl phthalate	22.07	149	249175	17.43	ng/ul	99
88) Benzo(b)fluoranthene	22.84	252	277895	21.31	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	255974	20.63	ng/ul	98
91) Benzo(a)pyrene	23.41	252	261279	21.13	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.77	276	298021	21.79	ng/ul	97
93) Dibenzo(a,h)anthracene	25.77	278	250226	21.78	ng/ul	98
94) Benzo(g,h,i)perylene	26.46	276	251804	21.92	ng/ul	98

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

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