Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
Data File : BM003959.D
Acq On : 12 Jan 2016 17:43
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Quant Time: Jan 13 06:05:55 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	39556	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	184898	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	111177	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	248118	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	255850	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	210862	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	7195	8.14	ng/uL	0.00
5) Phenol-d5	6.85	99	70891	21.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	41512	22.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	57017	21.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	59188	22.24	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	27602	19.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	29327	19.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	55870	20.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	62453	17.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	183827	21.06	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	228752	21.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	30264	19.31	ng/ul	0.00
58) Fluorene-d10	15.32	176	160641	21.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	25900	18.51	ng/ul	0.00
71) Anthracene-d10	17.17	188	245793	21.42	ng/ul	0.00
79) Pyrene-d10	19.47	212	266918	20.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	228770	21.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	7830	7.63	ng/uL	95
4) Benzaldehyde	6.81	77	45476	23.62	ng/ul	98
6) Phenol	6.87	94	77920	22.49	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	58988	22.62	ng/ul	96
10) 2-Chlorophenol	7.23	128	61888	21.94	ng/ul	97
11) 2-Methylphenol	8.12	108	59232	22.36	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	68596	23.94	ng/ul	94
14) Acetophenone	8.49	105	99009	23.89	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	48515	23.32	ng/ul	98
16) 4-Methylphenol	8.45	108	67550	23.52	ng/ul	99
17) Hexachloroethane	8.74	117	23110	21.22	ng/ul	99
20) Nitrobenzene	8.87	77	71100	21.66	ng/ul	96
21) Isophorone	9.39	82	132453	21.73	ng/ul	99
23) 2-Nitrophenol	9.57	139	34906	20.61	ng/ul	95
24) 2,4-Dimethylphenol	9.64	107	74775	22.02	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.87	93	82271	21.83	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	60074	21.47	ng/ul	99
28) Naphthalene	10.50	128	211566	21.96	ng/ul	100
30) 4-Chloroaniline	10.62	127	68347	18.85	ng/ul	100
31) Hexachlorobutadiene	10.79	225	35436	20.58	ng/ul	99
32) Caprolactam	11.37	113	17644	19.72	ng/ul	92
33) 4-Chloro-3-methylphenol	11.76	107	68879	22.01	ng/ul	100
34) 2-Methylnaphthalene	12.13	142	156170	22.93	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.35	142	147474	22.81	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	73998	20.81	ng/ul	99
38) Hexachlorocyclopentadiene	12.48	237	30979	16.63	ng/ul	99
39) 2,4,6-Trichlorophenol	12.75	196	44641	19.48	ng/ul	98
40) 2,4,5-Trichlorophenol	12.82	196	50416	20.29	ng/ul	98
41) 1,1'-Biphenyl	13.15	154	201946	21.56	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	151153	21.52	ng/ul	98
43) 2-Nitroaniline	13.40	65	39944	20.44	ng/ul	94
45) Dimethylphthalate	13.78	163	194381	21.85	ng/ul	100
46) 2,6-Dinitrotoluene	13.91	165	37391	21.32	ng/ul	96
48) Acenaphthylene	14.05	152	253065	21.72	ng/ul	99
49) 3-Nitroaniline	14.24	138	36653	19.28	ng/ul	98
50) Acenaphthene	14.39	153	169425	21.99	ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	12792	15.03	ng/ul	95
53) 4-Nitrophenol	14.56	109	24666	19.91	ng/ul	89
54) Dibenzofuran	14.72	168	238060	22.07	ng/ul	99
55) 2,4-Dinitrotoluene	14.70	165	56958	22.36	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.96	232	41130	20.67	ng/ul	99
57) Diethylphthalate	15.15	149	197227	21.87	ng/ul	100
59) Fluorene	15.37	166	194900	22.78	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	92195	22.34	ng/ul	96
61) 4-Nitroaniline	15.40	138	45519	22.87	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.47	198	28645	19.18	ng/ul	97
65) N-Nitrosodiphenylamine	15.59	169	166780	21.40	ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	53097	20.63	ng/ul	96
67) Hexachlorobenzene	16.38	284	59527	21.17	ng/ul	98
68) Atrazine	16.54	200	55796	20.66	ng/ul	98
69) Pentachlorophenol	16.73	266	24422	17.84	ng/ul	98
70) Phenanthrene	17.12	178	311029	22.29	ng/ul	100
72) Anthracene	17.20	178	319089	22.30	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	69241	17.40	ng/uL	100
74) Pentachlorobenzene	14.65	250	69438	19.65	ng/uL	99
75) Carbazole	17.48	167	283266	22.51	ng/ul	100
76) Di-n-butylphthalate	18.04	149	317045	20.63	ng/ul	99
77) Fluoranthene	19.14	202	346620	23.91	ng/ul	97
80) Pyrene	19.50	202	366580	21.11	ng/ul	96
81) Butylbenzylphthalate	20.41	149	130533	18.62	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.20	252	95365	21.51	ng/ul	98
83) Benzo(a)anthracene	21.26	228	333409	21.88	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	183081	19.73	ng/ul	99
85) Chrysene	21.32	228	314941	21.75	ng/ul	100
87) Di-n-octyl phthalate	22.07	149	303772	21.61	ng/ul	99
88) Benzo(b)fluoranthene	22.84	252	301956	23.56	ng/ul	99
89) Benzo(k)fluoranthene	22.89	252	276667	22.68	ng/ul	99
91) Benzo(a)pyrene	23.42	252	273535	22.50	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	273905	20.37	ng/ul	99
93) Dibenzo(a,h)anthracene	25.77	278	229209	20.29	ng/ul	98
94) Benzo(g,h,i)perylene	26.46	276	227837	20.18	ng/ul	98

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

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