Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072715\
Data File : BM002071.D
Acq On : 27 Jul 2015 21:03
Operator : UM/HP
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02078

Quant Time: Jul 28 04:17:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 27 16:22:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	68339	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	258453	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	150677	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	334422	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	392632	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	396766	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	10967	8.30	ng/uL	0.00
5) Phenol-d5	6.77	99	93051	19.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	52172	19.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	81531	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	74705	19.23	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	36546	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	41530	20.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	79405	20.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	91321	21.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	219344	19.87	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	272813	19.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	35426	19.23	ng/ul	0.00
58) Fluorene-d10	15.26	176	193357	19.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	38633	18.89	ng/ul	0.00
71) Anthracene-d10	17.11	188	295796	19.81	ng/ul	0.00
79) Pyrene-d10	19.41	212	328011	19.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	377849	19.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	11679	8.28	ng/uL	98
4) Benzaldehyde	6.75	77	52457	20.23	ng/ul	99
6) Phenol	6.80	94	95976	19.21	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.03	93	73201	19.48	ng/ul	95
10) 2-Chlorophenol	7.16	128	81772	19.69	ng/ul	97
11) 2-Methylphenol	8.05	108	71955	19.02	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	72265	18.78	ng/ul	94
14) Acetophenone	8.42	105	118500	19.27	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	57946	19.45	ng/ul	97
16) 4-Methylphenol	8.37	108	78446	19.30	ng/ul	96
17) Hexachloroethane	8.66	117	33120	19.51	ng/ul	95
20) Nitrobenzene	8.80	77	86254	20.01	ng/ul	96
21) Isophorone	9.32	82	153640	19.98	ng/ul	99
23) 2-Nitrophenol	9.51	139	45427	20.37	ng/ul	96
24) 2,4-Dimethylphenol	9.57	107	88114	20.12	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.81	93	92127	19.68	ng/ul	99
27) 2,4-Dichlorophenol	10.04	162	76385	20.04	ng/ul	95
28) Naphthalene	10.43	128	241495	19.67	ng/ul	99
30) 4-Chloroaniline	10.55	127	94981	21.13	ng/ul	100
31) Hexachlorobutadiene	10.71	225	57625	20.22	ng/ul	97
32) Caprolactam	11.30	113	20950	19.64	ng/ul	95
33) 4-Chloro-3-methylphenol	11.69	107	76540	20.23	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	177786	19.90	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.28	142	171225	19.93	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	105308	20.09	ng/ul	97
38) Hexachlorocyclopentadiene	12.40	237	53180	17.80	ng/ul	98
39) 2,4,6-Trichlorophenol	12.68	196	61418	19.97	ng/ul	97
40) 2,4,5-Trichlorophenol	12.75	196	66813	20.10	ng/ul	100
41) 1,1'-Biphenyl	13.09	154	226197	19.48	ng/ul	99
42) 2-Chloronaphthalene	13.13	162	178596	19.78	ng/ul	98
43) 2-Nitroaniline	13.34	65	44647	19.85	ng/ul	97
45) Dimethylphthalate	13.72	163	220255	19.99	ng/ul	100
46) 2,6-Dinitrotoluene	13.84	165	45636	20.36	ng/ul	97
48) Acenaphthylene	13.98	152	281604	19.78	ng/ul	99
49) 3-Nitroaniline	14.17	138	38345	19.22	ng/ul	94
50) Acenaphthene	14.32	153	183851	19.70	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	22704	17.21	ng/ul	97
53) 4-Nitrophenol	14.49	109	31319	20.41	ng/ul	97
54) Dibenzofuran	14.66	168	266217	19.89	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	66375	20.61	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	14.89	232	55687	19.93	ng/ul#	98
57) Diethylphthalate	15.09	149	217447	20.01	ng/ul	99
59) Fluorene	15.31	166	221261	20.00	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.31	204	117330	19.83	ng/ul	97
61) 4-Nitroaniline	15.34	138	42784	20.12	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.40	198	40223	18.74	ng/ul	94
65) N-Nitrosodiphenylamine	15.53	169	188410	19.71	ng/ul	100
66) 4-Bromophenyl-phenylether	16.20	248	70925	19.94	ng/ul	98
67) Hexachlorobenzene	16.32	284	78031	20.05	ng/ul	99
68) Atrazine	16.48	200	73159	19.84	ng/ul	98
69) Pentachlorophenol	16.66	266	36598	18.33	ng/ul	97
70) Phenanthrene	17.05	178	342705	19.78	ng/ul	100
72) Anthracene	17.14	178	349094	19.71	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	99087	19.53	ng/uL	98
74) Pentachlorobenzene	14.58	250	93482	19.74	ng/uL	98
75) Carbazole	17.42	167	296992	19.64	ng/ul	99
76) Di-n-butylphthalate	17.98	149	357048	19.80	ng/ul	100
77) Fluoranthene	19.07	202	400063	20.00	ng/ul	99
80) Pyrene	19.44	202	418761	19.60	ng/ul	99
81) Butylbenzylphthalate	20.34	149	157064	19.25	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.13	252	137790	19.82	ng/ul	99
83) Benzo(a)anthracene	21.19	228	432973	19.89	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	238857	19.12	ng/ul	99
85) Chrysene	21.24	228	404766	19.88	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	418596	18.38	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	454217	20.37	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	404695	18.81	ng/ul	100
91) Benzo(a)pyrene	23.31	252	419688	19.50	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.61	276	497127	20.05	ng/ul	99
93) Dibenzo(a,h)anthracene	25.62	278	424100	19.98	ng/ul	99
94) Benzo(g,h,i)perylene	26.29	276	418148	20.12	ng/ul	98

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

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