Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006499.D
Acq On : 17 Jul 2016 04:31
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02069

Quant Time: Jul 18 06:20:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 23:20:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	121033	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	516608	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	295485	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.02	188	676830	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	807485	20.00	ng/ul	-0.01
83) Perylene-d12	23.41	264	858664	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	24138	8.40	ng/uL	0.00
5) Phenol-d5	6.79	99	216178	21.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	132462	22.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	166929	20.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	168265	21.35	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	78691	20.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	85618	19.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	164501	19.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	210931	24.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	489299	20.23	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	617650	20.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	87062	20.72	ng/ul	0.00
57) Fluorene-d10	15.26	176	429124	19.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	72591	18.54	ng/ul	0.00
70) Anthracene-d10	17.12	188	671905	21.00	ng/ul	0.00
76) Pyrene-d10	19.42	212	752815	20.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	830400	21.15	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	26468	8.59	ng/uL#	27
4) Benzaldehyde	6.76	77	141821	23.67	ng/ul	97
6) Phenol	6.82	94	231272	22.12	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	175829	22.82	ng/ul	99
10) 2-Chlorophenol	7.18	128	174788	21.18	ng/ul	98
11) 2-Methylphenol	8.06	108	171423	22.01	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.15	45	255381	20.39	ng/ul	98
14) Acetophenone	8.43	105	269338	21.70	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	142517	21.76	ng/ul	99
16) 4-Methylphenol	8.39	108	185846	22.08	ng/ul	99
17) Hexachloroethane	8.68	117	72131	20.54	ng/ul	96
20) Nitrobenzene	8.81	77	206698	19.82	ng/ul	98
21) Isophorone	9.33	82	378781	20.35	ng/ul	98
23) 2-Nitrophenol	9.52	139	96934	19.92	ng/ul	98
24) 2,4-Dimethylphenol	9.58	107	207922	19.75	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	236632	21.25	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	167233	19.84	ng/ul	99
28) Naphthalene	10.45	128	540115	20.60	ng/ul	99
30) 4-Chloroaniline	10.56	127	219646	24.13	ng/ul	97
31) Hexachlorobutadiene	10.73	225	106516	18.51	ng/ul	97
32) Caprolactam	11.30	113	54250	20.26	ng/ul	91
33) 4-Chloro-3-methylphenol	11.69	107	186791	19.78	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	401825	20.34	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	206850	19.96	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	90034	16.49	ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	133091	19.78	ng/ul	99
39) 2,4,5-Trichlorophenol	12.76	196	138839	20.03	ng/ul	97
40) 1,1'-Biphenyl	13.09	154	513418	21.07	ng/ul	98
41) 2-Chloronaphthalene	13.13	162	398337	20.90	ng/ul	97
42) 2-Nitroaniline	13.34	65	130488	20.01	ng/ul	96
44) Dimethylphthalate	13.73	163	495994	20.22	ng/ul	100
45) 2,6-Dinitrotoluene	13.85	165	100436	20.60	ng/ul	100
47) Acenaphthylene	13.99	152	657635	21.12	ng/ul	100
48) 3-Nitroaniline	14.18	138	107653	23.44	ng/ul	93
49) Acenaphthene	14.33	153	419543	20.94	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	40496	14.62	ng/ul	96
52) 4-Nitrophenol	14.50	109	84428	17.76	ng/ul	97
53) Dibenzofuran	14.67	168	609213	20.89	ng/ul	99
54) 2,4-Dinitrotoluene	14.64	165	149676	20.54	ng/ul#	100
55) 2,3,4,6-Tetrachlorophenol	14.90	232	122421	19.49	ng/ul	99
56) Diethylphthalate	15.10	149	514416	19.87	ng/ul	98
58) Fluorene	15.32	166	486772	20.86	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	236402	19.93	ng/ul	99
60) 4-Nitroaniline	15.34	138	119741	21.99	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.41	198	80747	19.37	ng/ul	98
64) N-Nitrosodiphenylamine	15.53	169	431633	21.71	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	155548	20.63	ng/ul	100
66) Hexachlorobenzene	16.32	284	171902	20.44	ng/ul	99
67) Atrazine	16.49	200	158320	21.55	ng/ul	98
68) Pentachlorophenol	16.67	266	73486	18.18	ng/ul	93
69) Phenanthrene	17.06	178	790597	21.24	ng/ul	99
71) Anthracene	17.15	178	818817	21.39	ng/ul	99
72) Carbazole	17.42	167	737492	22.78	ng/ul	100
73) Di-n-butylphthalate	17.99	149	873639	19.74	ng/ul	99
74) Fluoranthene	19.08	202	955590	22.09	ng/ul	98
77) Pyrene	19.44	202	1004802	20.84	ng/ul	99
78) Butylbenzylphthalate	20.36	149	412598	19.46	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.13	252	336523	21.39	ng/ul	98
80) Benzo(a)anthracene	21.20	228	1015447	20.60	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.13	149	582284	19.78	ng/ul	99
82) Chrysene	21.25	228	930510	20.05	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1074412	21.47	ng/ul	99
85) Benzo(b)fluoranthene	22.76	252	1066510	20.78	ng/ul	99
86) Benzo(k)fluoranthene	22.80	252	1030195	21.34	ng/ul	100
88) Benzo(a)pyrene	23.31	252	1038599	21.13	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.60	276	1216003	21.26	ng/ul	99
90) Dibenzo(a,h)anthracene	25.61	278	1023480	21.53	ng/ul	99
91) Benzo(g,h,i)perylene	26.28	276	1036527	20.51	ng/ul	100

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

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