Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102016\
Data File : BM007706.D
Acq On : 20 Oct 2016 16:53
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Quant Time: Oct 20 17:45:41 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 17:01:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	168448	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.53	136	649047	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.39	164	415252	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.13	188	834517	20.00	ng/ul	-0.02
75) Chrysene-d12	21.32	240	1077634	20.00	ng/ul	-0.02
83) Perylene-d12	23.57	264	1076543	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	30703	7.81	ng/uL	-0.01
5) Phenol-d5	6.93	99	250495	19.27	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.09	67	148932	19.30	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.29	132	200371	20.10	ng/ul	-0.02
13) 4-Methylphenol-d8	8.46	113	197137	19.38	ng/ul	-0.02
19) Nitrobenzene-d5	8.91	128	92335	19.77	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.63	143	101675	20.53	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.16	165	195679	20.10	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.67	131	231321	20.83	ng/ul	-0.02
43) Dimethylphthalate-d6	13.80	166	572291	20.24	ng/ul	-0.02
46) Acenaphthylene-d8	14.07	160	693763	20.39	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.60	143	88805	19.86	ng/ul	-0.02
57) Fluorene-d10	15.38	176	498469	20.12	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	92856	18.73	ng/ul	-0.02
70) Anthracene-d10	17.23	188	756863	20.13	ng/ul	-0.02
76) Pyrene-d10	19.53	212	880402	19.88	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.42	264	956170	20.34	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	33472	7.79	ng/uL	92
4) Benzaldehyde	6.90	77	179398	21.82	ng/ul	98
6) Phenol	6.96	94	255962	19.18	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.19	93	203363	19.78	ng/ul	98
10) 2-Chlorophenol	7.32	128	205664	20.11	ng/ul	99
11) 2-Methylphenol	8.19	108	189798	19.54	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.29	45	222354	19.51	ng/ul	97
14) Acetophenone	8.57	105	311630	19.53	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.56	70	157141	19.85	ng/ul	94
16) 4-Methylphenol	8.52	108	204264	19.52	ng/ul	96
17) Hexachloroethane	8.82	117	89435	19.79	ng/ul	97
20) Nitrobenzene	8.95	77	236166	19.66	ng/ul	98
21) Isophorone	9.47	82	415566	20.22	ng/ul	99
23) 2-Nitrophenol	9.66	139	108669	21.00	ng/ul	98
24) 2,4-Dimethylphenol	9.72	107	238771	20.23	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.95	93	254728	20.27	ng/ul	98
27) 2,4-Dichlorophenol	10.19	162	194398	20.28	ng/ul	96
28) Naphthalene	10.58	128	622738	19.72	ng/ul	99
30) 4-Chloroaniline	10.70	127	235942	20.93	ng/ul	99
31) Hexachlorobutadiene	10.86	225	155586	19.92	ng/ul	98
32) Caprolactam	11.49	113	50494	18.99	ng/ul#	78
33) 4-Chloro-3-methylphenol	11.83	107	204479	20.34	ng/ul	92
34) 2-Methylnaphthalene	12.20	142	451568	20.11	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	271344	20.24	ng/ul	96
37) Hexachlorocyclopentadiene	12.54	237	146262	18.53	ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	150680	20.21	ng/ul	100
39) 2,4,5-Trichlorophenol	12.89	196	165320	20.25	ng/ul	97
40) 1,1'-Biphenyl	13.22	154	583419	19.93	ng/ul	98
41) 2-Chloronaphthalene	13.26	162	449882	20.08	ng/ul	99
42) 2-Nitroaniline	13.47	65	120941	20.35	ng/ul	98
44) Dimethylphthalate	13.85	163	558160	20.33	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	106205	20.56	ng/ul	92
47) Acenaphthylene	14.10	152	704673	20.42	ng/ul	99
48) 3-Nitroaniline	14.30	138	104534	20.47	ng/ul	97
49) Acenaphthene	14.45	153	477560	20.05	ng/ul	100
50) 2,4-Dinitrophenol	14.52	184	53816	16.92	ng/ul	90
52) 4-Nitrophenol	14.61	109	84144	18.98	ng/ul	97
53) Dibenzofuran	14.79	168	685296	20.04	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	158749	21.30	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.02	232	147789	20.29	ng/ul	95
56) Diethylphthalate	15.21	149	560107	20.61	ng/ul	99
58) Fluorene	15.43	166	553464	20.28	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	294444	20.24	ng/ul	99
60) 4-Nitroaniline	15.47	138	100485	19.51	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.53	198	97328	19.00	ng/ul	97
64) N-Nitrosodiphenylamine	15.64	169	479707	20.11	ng/ul	97
65) 4-Bromophenyl-phenylether	16.33	248	191416	20.11	ng/ul	94
66) Hexachlorobenzene	16.44	284	214115	20.31	ng/ul	98
67) Atrazine	16.60	200	181088	19.71	ng/ul	99
68) Pentachlorophenol	16.79	266	111765	18.92	ng/ul	96
69) Phenanthrene	17.17	178	883075	19.91	ng/ul	100
71) Anthracene	17.26	178	897223	19.86	ng/ul	99
72) Carbazole	17.54	167	777354	19.88	ng/ul	99
73) Di-n-butylphthalate	18.10	149	897388	20.61	ng/ul	100
74) Fluoranthene	19.19	202	1054633	20.33	ng/ul	99
77) Pyrene	19.56	202	1097960	19.72	ng/ul	99
78) Butylbenzylphthalate	20.45	149	412231	20.81	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.24	252	395181	20.65	ng/ul	100
80) Benzo(a)anthracene	21.30	228	1163506	20.20	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	609572	20.90	ng/ul	99
82) Chrysene	21.35	228	1111030	20.08	ng/ul	100
84) Di-n-octyl phthalate	22.10	149	1070570	19.62	ng/ul	99
85) Benzo(b)fluoranthene	22.89	252	1251095	20.34	ng/ul	100
86) Benzo(k)fluoranthene	22.93	252	1134274	20.04	ng/ul	100
88) Benzo(a)pyrene	23.47	252	1172385	20.24	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.84	276	1410808	20.33	ng/ul	98
90) Dibenzo(a,h)anthracene	25.84	278	1192565	20.37	ng/ul	99
91) Benzo(g,h,i)perylene	26.53	276	1179372	20.24	ng/ul	98

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

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