Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111716\
Data File : BM007939.D
Acq On : 17 Nov 2016 14:59
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02034

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Quant Time: Nov 18 01:19:15 2016
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 16 07:16:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	157437	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.50	136	600623	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.36	164	381714	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.11	188	764300	20.00	ng/ul	-0.01
75) Chrysene-d12	21.30	240	1010268	20.00	ng/ul	-0.01
83) Perylene-d12	23.54	264	1030545	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	29157	7.99	ng/uL	0.00
5) Phenol-d5	6.90	99	237718	19.34	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	144302	19.87	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.26	132	187292	19.89	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	178410	18.70	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	88955	20.39	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	93813	20.06	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.13	165	179891	19.70	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.65	131	218455	20.86	ng/ul	-0.01
43) Dimethylphthalate-d6	13.77	166	514059	19.60	ng/ul	-0.01
46) Acenaphthylene-d8	14.05	160	627613	19.91	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.59	143	70072	16.71	ng/ul	0.00
57) Fluorene-d10	15.36	176	457458	19.97	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.50	200	76764	16.87	ng/ul	0.00
70) Anthracene-d10	17.21	188	701720	20.20	ng/ul	-0.01
76) Pyrene-d10	19.50	212	814474	19.53	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.40	264	909181	19.99	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	31634	7.88	ng/uL	98
4) Benzaldehyde	6.89	77	172862	22.34	ng/ul	97
6) Phenol	6.93	94	246146	19.60	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	190304	19.69	ng/ul	99
10) 2-Chlorophenol	7.30	128	191809	19.95	ng/ul	98
11) 2-Methylphenol	8.17	108	174644	19.05	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	218547	20.29	ng/ul	99
14) Acetophenone	8.55	105	291527	19.36	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.53	70	149396	19.91	ng/ul	95
16) 4-Methylphenol	8.50	108	188868	19.18	ng/ul	98
17) Hexachloroethane	8.79	117	86499	20.41	ng/ul	94
20) Nitrobenzene	8.93	77	228498	20.38	ng/ul	96
21) Isophorone	9.45	82	393058	20.34	ng/ul	99
23) 2-Nitrophenol	9.63	139	95019	19.65	ng/ul	97
24) 2,4-Dimethylphenol	9.69	107	215940	19.66	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	232963	19.83	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	175018	19.56	ng/ul	98
28) Naphthalene	10.55	128	586830	19.92	ng/ul	100
30) 4-Chloroaniline	10.67	127	220576	20.84	ng/ul	96
31) Hexachlorobutadiene	10.83	225	144954	19.96	ng/ul	98
32) Caprolactam	11.46	113	45121m	17.90	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	188341	19.98	ng/ul	93
34) 2-Methylnaphthalene	12.17	142	413865	19.82	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	244997	19.77 ng/ul	97
37) Hexachlorocyclopentadiene	12.52	237	95789	13.12 ng/ul	98
38) 2,4,6-Trichlorophenol	12.79	196	136858	19.67 ng/ul	98
39) 2,4,5-Trichlorophenol	12.87	196	148392	19.50 ng/ul	95
40) 1,1'-Biphenyl	13.19	154	537247	19.87 ng/ul	99
41) 2-Chloronaphthalene	13.23	162	414479	20.03 ng/ul	98
42) 2-Nitroaniline	13.45	65	113234	20.37 ng/ul	95
44) Dimethylphthalate	13.82	163	497668	19.60 ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	96318	19.95 ng/ul	93
47) Acenaphthylene	14.08	152	649059	20.29 ng/ul	99
48) 3-Nitroaniline	14.29	138	96849	20.14 ng/ul	98
49) Acenaphthene	14.42	153	437009	19.81 ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	39313	13.51 ng/ul#	85
52) 4-Nitrophenol	14.60	109	66450	16.27 ng/ul	93
53) Dibenzofuran	14.76	168	632813	20.00 ng/ul	98
54) 2,4-Dinitrotoluene	14.74	165	143021	20.52 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.99	232	133652	19.70 ng/ul#	95
56) Diethylphthalate	15.19	149	498381	19.72 ng/ul	99
58) Fluorene	15.41	166	508696	20.10 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	271092	20.15 ng/ul	96
60) 4-Nitroaniline	15.45	138	91519	18.69 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.51	198	80190	17.15 ng/ul#	99
64) N-Nitrosodiphenylamine	15.62	169	439152	19.99 ng/ul	99
65) 4-Bromophenyl-phenylether	16.30	248	172391	19.68 ng/ul	99
66) Hexachlorobenzene	16.42	284	191491	19.77 ng/ul	99
67) Atrazine	16.58	200	160029	18.79 ng/ul	98
68) Pentachlorophenol	16.77	266	94192	17.24 ng/ul	99
69) Phenanthrene	17.15	178	816749	19.96 ng/ul	99
71) Anthracene	17.24	178	839829	20.19 ng/ul	99
72) Carbazole	17.52	167	720876	19.92 ng/ul	100
73) Di-n-butylphthalate	18.07	149	800050	19.77 ng/ul	99
74) Fluoranthene	19.17	202	969557	20.17 ng/ul	99
77) Pyrene	19.53	202	1024293	19.56 ng/ul	99
78) Butylbenzylphthalate	20.43	149	363733	19.19 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.22	252	356239	19.68 ng/ul	100
80) Benzo(a)anthracene	21.29	228	1078842	19.81 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.21	149	538933	19.27 ng/ul	99
82) Chrysene	21.34	228	1039976	19.92 ng/ul	99
84) Di-n-octyl phthalate	22.09	149	947409	17.84 ng/ul	100
85) Benzo(b)fluoranthene	22.87	252	1127319	19.16 ng/ul	99
86) Benzo(k)fluoranthene	22.92	252	1117632	20.35 ng/ul	100
88) Benzo(a)pyrene	23.45	252	1126049	20.13 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.80	276	1351162	20.14 ng/ul	99
90) Dibenzo(a,h)anthracene	25.81	278	1134239	20.06 ng/ul	99
91) Benzo(g,h,i)perylene	26.50	276	1123577	19.98 ng/ul	98

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

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