Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007229.D
Acq On : 19 Aug 2016 09:49
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02054

Quant Time: Aug 19 13:08:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 09:10:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	204231	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	807329	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	459472	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1079569	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1392600	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1452757	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	38898	8.32	ng/uL	0.00
5) Phenol-d5	6.97	99	322546	19.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	186790	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	262022	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	256291	18.83	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	120649	20.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	133554	21.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	267621	20.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	314817	20.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	744877	19.62	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	934759	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	121521	17.86	ng/ul	0.00
57) Fluorene-d10	15.42	176	661663	19.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	99491	16.68	ng/ul	0.00
70) Anthracene-d10	17.27	188	1021993	20.43	ng/ul	0.00
76) Pyrene-d10	19.57	212	1214804	20.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1351259	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	38286	7.87	ng/uL	95
4) Benzaldehyde	6.95	77	205681	20.68	ng/ul	96
6) Phenol	6.99	94	338318	19.41	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.23	93	251938	19.59	ng/ul	95
10) 2-Chlorophenol	7.36	128	272530	20.22	ng/ul	99
11) 2-Methylphenol	8.24	108	250768	19.13	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.33	45	280398	19.03	ng/ul	98
14) Acetophenone	8.62	105	406404	19.39	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.60	70	203519	18.65	ng/ul	97
16) 4-Methylphenol	8.56	108	272434	19.05	ng/ul	98
17) Hexachloroethane	8.87	117	108817	19.34	ng/ul	95
20) Nitrobenzene	9.00	77	311229	20.63	ng/ul	100
21) Isophorone	9.52	82	537536	19.02	ng/ul	100
23) 2-Nitrophenol	9.70	139	145043	21.16	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	313789	19.98	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.00	93	328020	19.33	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	264764	20.25	ng/ul	99
28) Naphthalene	10.63	128	799453	19.99	ng/ul	99
30) 4-Chloroaniline	10.75	127	322738	20.15	ng/ul	96
31) Hexachlorobutadiene	10.92	225	199401	20.63	ng/ul	97
32) Caprolactam	11.49	113	77240	17.44	ng/ul	99
33) 4-Chloro-3-methylphenol	11.87	107	279242	19.55	ng/ul	96
34) 2-Methylnaphthalene	12.25	142	601260	19.50	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	354310	21.80	ng/ul	96
37) Hexachlorocyclopentadiene	12.60	237	146075	14.12	ng/ul	97
38) 2,4,6-Trichlorophenol	12.86	196	220642	21.17	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	229423	21.02	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	767637	20.82	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	600585	20.77	ng/ul	98
42) 2-Nitroaniline	13.51	65	172961	20.83	ng/ul	96
44) Dimethylphthalate	13.89	163	740144	19.51	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	150939	20.47	ng/ul	95
47) Acenaphthylene	14.15	152	952985	20.30	ng/ul	99
48) 3-Nitroaniline	14.34	138	147466	20.22	ng/ul	98
49) Acenaphthene	14.50	153	618091	20.28	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	60576	13.85	ng/ul	91
52) 4-Nitrophenol	14.64	109	127659	18.46	ng/ul	90
53) Dibenzofuran	14.83	168	906128	20.03	ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	215948	19.84	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.06	232	211280	20.03	ng/ul	96
56) Diethylphthalate	15.26	149	735288	18.37	ng/ul	99
58) Fluorene	15.48	166	718423	19.69	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	378479	19.65	ng/ul	96
60) 4-Nitroaniline	15.50	138	151696	17.74	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	109790	16.92	ng/ul	99
64) N-Nitrosodiphenylamine	15.69	169	629997	20.62	ng/ul	100
65) 4-Bromophenyl-phenylether	16.37	248	254477	20.81	ng/ul	99
66) Hexachlorobenzene	16.48	284	286080	20.68	ng/ul	97
67) Atrazine	16.64	200	245486	19.93	ng/ul	98
68) Pentachlorophenol	16.83	266	161677	19.00	ng/ul	99
69) Phenanthrene	17.22	178	1180909	20.34	ng/ul	99
71) Anthracene	17.31	178	1217614	20.43	ng/ul	100
72) Carbazole	17.57	167	1057713	20.60	ng/ul	99
73) Di-n-butylphthalate	18.14	149	1257914	20.04	ng/ul	99
74) Fluoranthene	19.23	202	1513526	21.49	ng/ul	99
77) Pyrene	19.59	202	1568473	20.37	ng/ul	100
78) Butylbenzylphthalate	20.50	149	621321	20.76	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	547480	20.35	ng/ul	98
80) Benzo(a)anthracene	21.34	228	1680514	20.43	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	892151	20.14	ng/ul	99
82) Chrysene	21.39	228	1501717	19.97	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	1573978	21.00	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	1778818	20.33	ng/ul	100
86) Benzo(k)fluoranthene	22.99	252	1661251	20.22	ng/ul	100
88) Benzo(a)pyrene	23.53	252	1681368	20.27	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.92	276	2008829	19.76	ng/ul	99
90) Dibenzo(a,h)anthracene	25.93	278	1685650	19.75	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	1673356	19.47	ng/ul	98

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

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