Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030117\
Data File : BM009044.D
Acq On : 01 Mar 2017 10:53
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02060

Quant Time: Mar 02 03:18:57 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 28 00:07:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	192215	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	792504	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	577319	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	1220408	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1552132	20.00	ng/ul	0.00
83) Perylene-d12	23.80	264	1489370	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	38187	7.98	ng/uL	0.00
5) Phenol-d5	7.05	99	354247	20.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	257561	20.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	243032	20.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	270091	21.11	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	115180	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	128182	20.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.31	165	272092	21.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	313398	23.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	802832	20.66	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	993736	20.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	135290	19.93	ng/ul	0.00
57) Fluorene-d10	15.53	176	739018	20.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	139413	18.98	ng/ul	0.00
70) Anthracene-d10	17.38	188	1183764	20.49	ng/ul	0.00
76) Pyrene-d10	19.67	212	1374397	20.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1368406	20.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	44538	7.96	ng/uL#	66
4) Benzaldehyde	7.04	77	289408	22.10	ng/ul#	82
6) Phenol	7.07	94	374171	20.35	ng/ul#	69
8) Bis(2-Chloroethyl)ether	7.32	93	295392	20.48	ng/ul#	81
10) 2-Chlorophenol	7.46	128	254068	21.01	ng/ul#	78
11) 2-Methylphenol	8.33	108	256937	20.16	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.43	45	482985	20.31	ng/ul	96
14) Acetophenone	8.72	105	451204	20.37	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.70	70	277660	20.44	ng/ul#	84
16) 4-Methylphenol	8.66	108	287545	20.76	ng/ul	92
17) Hexachloroethane	8.97	117	121903	20.81	ng/ul	89
20) Nitrobenzene	9.10	77	406595	20.29	ng/ul#	89
21) Isophorone	9.62	82	679495	20.38	ng/ul	96
23) 2-Nitrophenol	9.81	139	137068	20.80	ng/ul#	59
24) 2,4-Dimethylphenol	9.86	107	341369	20.04	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.10	93	393417	20.51	ng/ul	93
27) 2,4-Dichlorophenol	10.34	162	260152	20.66	ng/ul#	90
28) Naphthalene	10.75	128	815847	20.53	ng/ul	98
30) 4-Chloroaniline	10.86	127	337095	23.52	ng/ul	98
31) Hexachlorobutadiene	11.02	225	210617	20.02	ng/ul	98
32) Caprolactam	11.63	113	77957	20.65	ng/ul#	61
33) 4-Chloro-3-methylphenol	11.97	107	309133	20.95	ng/ul#	95
34) 2-Methylnaphthalene	12.36	142	608449	20.50	ng/ul	99

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Instrument : BNA_M
ClientSampleId : SSTD02060

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	381917	20.34 ng/ul#	93
37) Hexachlorocyclopentadiene	12.69	237	227385	18.79 ng/ul	99
38) 2,4,6-Trichlorophenol	12.96	196	220144	20.54 ng/ul	86
39) 2,4,5-Trichlorophenol	13.03	196	238951	20.43 ng/ul#	92
40) 1,1'-Biphenyl	13.37	154	820648	20.61 ng/ul	94
41) 2-Chloronaphthalene	13.41	162	650186	20.96 ng/ul	94
42) 2-Nitroaniline	13.62	65	235851	19.95 ng/ul#	76
44) Dimethylphthalate	13.99	163	801227	20.60 ng/ul	99
45) 2,6-Dinitrotoluene	14.12	165	151841	20.48 ng/ul#	76
47) Acenaphthylene	14.26	152	969307	20.72 ng/ul	98
48) 3-Nitroaniline	14.45	138	154053	21.18 ng/ul	83
49) Acenaphthene	14.60	153	675091	20.21 ng/ul	95
50) 2,4-Dinitrophenol	14.65	184	76988	16.03 ng/ul#	68
52) 4-Nitrophenol	14.74	109	174952	20.12 ng/ul#	80
53) Dibenzofuran	14.93	168	995817	20.35 ng/ul	90
54) 2,4-Dinitrotoluene	14.90	165	235436	21.51 ng/ul#	61
55) 2,3,4,6-Tetrachlorophenol	15.15	232	231967	21.45 ng/ul#	89
56) Diethylphthalate	15.35	149	820320	20.60 ng/ul	97
58) Fluorene	15.59	166	834558	20.48 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.57	204	439191	19.92 ng/ul#	94
60) 4-Nitroaniline	15.60	138	170986	21.12 ng/ul#	37
63) 4,6-Dinitro-2-methylphenol	15.66	198	156432	20.28 ng/ul#	76
64) N-Nitrosodiphenylamine	15.79	169	715386	20.08 ng/ul	99
65) 4-Bromophenyl-phenylether	16.47	248	279223	20.06 ng/ul	93
66) Hexachlorobenzene	16.58	284	312944	20.51 ng/ul	92
67) Atrazine	16.74	200	278910	19.93 ng/ul	98
68) Pentachlorophenol	16.93	266	186825	19.77 ng/ul	86
69) Phenanthrene	17.33	178	1379047	20.44 ng/ul	97
71) Anthracene	17.42	178	1397425	20.30 ng/ul	97
72) Carbazole	17.69	167	1231420	20.22 ng/ul	97
73) Di-n-butylphthalate	18.24	149	1394268	20.21 ng/ul#	97
74) Fluoranthene	19.33	202	1671893	20.50 ng/ul#	95
77) Pyrene	19.70	202	1772610	20.45 ng/ul#	93
78) Butylbenzylphthalate	20.59	149	644063	20.65 ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.37	252	655038	22.04 ng/ul#	95
80) Benzo(a)anthracene	21.44	228	1834406	20.72 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.35	149	936644	20.71 ng/ul	96
82) Chrysene	21.49	228	1714900	20.37 ng/ul	99
84) Di-n-octyl phthalate	22.26	149	1632241	19.03 ng/ul#	88
85) Benzo(b)fluoranthene	23.09	252	1800050	20.09 ng/ul#	97
86) Benzo(k)fluoranthene	23.13	252	1722371	20.42 ng/ul#	98
88) Benzo(a)pyrene	23.70	252	1727822	20.34 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.20	276	1954129	20.25 ng/ul#	91
90) Dibenzo(a,h)anthracene	26.20	278	1655783	20.15 ng/ul#	94
91) Benzo(g,h,i)perylene	26.93	276	1610730	20.17 ng/ul#	94

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

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