Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062216\
Data File : BM005927.D
Acq On : 23 Jun 2016 11:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Manual Integrations APPROVED
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Quant Time: Jun 23 13:20:41 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 23 11:19:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	237222	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	990747	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	530962	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1188898	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	1316531	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	1407624	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	45287	7.60	ng/uL	0.00
5) Phenol-d5	6.83	99	411099	20.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	255673	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	319960	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	314665	19.66	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	147220	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	151747	19.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	296546	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	367378	22.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	828187	19.63	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1090750	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	159632	19.36	ng/ul	0.00
57) Fluorene-d10	15.31	176	736543	20.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	116273	19.63	ng/ul	0.00
70) Anthracene-d10	17.16	188	1105994	20.42	ng/ul	0.00
76) Pyrene-d10	19.46	212	1219700	19.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1307686	20.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	53126	8.24	ng/uL	96
4) Benzaldehyde	6.81	77	94476m	23.96	ng/ul	
6) Phenol	6.86	94	455346	20.49	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	337770	20.69	ng/ul	99
10) 2-Chlorophenol	7.23	128	332113	19.76	ng/ul	99
11) 2-Methylphenol	8.10	108	327119	20.28	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	488484	20.43	ng/ul	99
14) Acetophenone	8.48	105	505302	20.52	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	263408	19.39	ng/ul	100
16) 4-Methylphenol	8.43	108	346675	19.85	ng/ul	97
17) Hexachloroethane	8.73	117	134714	19.81	ng/ul	100
20) Nitrobenzene	8.86	77	389564	20.35	ng/ul	99
21) Isophorone	9.37	82	687467	19.54	ng/ul	100
23) 2-Nitrophenol	9.56	139	171951	20.08	ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	381718	20.46	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	442713	20.21	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	300604	20.31	ng/ul	99
28) Naphthalene	10.49	128	999291	20.22	ng/ul	99
30) 4-Chloroaniline	10.60	127	398928	23.17	ng/ul	97
31) Hexachlorobutadiene	10.78	225	188611	20.72	ng/ul	98
32) Caprolactam	11.36	113	95431	17.47	ng/ul	97
33) 4-Chloro-3-methylphenol	11.73	107	337332	19.55	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	731158	20.20	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	364072	21.59	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	217925	22.36	ng/ul	96
38) 2,4,6-Trichlorophenol	12.73	196	238600	20.85	ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	250581	20.96	ng/ul	98
40) 1,1'-Biphenyl	13.14	154	908320	20.83	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	707826	21.04	ng/ul	100
42) 2-Nitroaniline	13.39	65	225933	20.05	ng/ul	99
44) Dimethylphthalate	13.77	163	829311	19.48	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	165229	19.82	ng/ul	96
47) Acenaphthylene	14.03	152	1152915	20.60	ng/ul	100
48) 3-Nitroaniline	14.22	138	186967	22.39	ng/ul	98
49) Acenaphthene	14.37	153	727097	20.54	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	80563	17.66	ng/ul	92
52) 4-Nitrophenol	14.52	109	150868	19.12	ng/ul	98
53) Dibenzofuran	14.71	168	1044978	20.45	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	243849	19.88	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.94	232	213111	20.06	ng/ul	96
56) Diethylphthalate	15.14	149	842380	19.13	ng/ul	99
58) Fluorene	15.36	166	812212	20.39	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	396342	20.74	ng/ul	94
60) 4-Nitroaniline	15.38	138	204485	19.73	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.44	198	133823	20.66	ng/ul	97
64) N-Nitrosodiphenylamine	15.57	169	721463	20.98	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	259602	21.37	ng/ul	97
66) Hexachlorobenzene	16.36	284	281414	20.89	ng/ul	97
67) Atrazine	16.53	200	252320	20.82	ng/ul	99
68) Pentachlorophenol	16.71	266	167340	20.63	ng/ul	99
69) Phenanthrene	17.10	178	1318873	20.44	ng/ul	99
71) Anthracene	17.19	178	1356830	20.58	ng/ul	100
72) Carbazole	17.46	167	1217460	21.47	ng/ul	99
73) Di-n-butylphthalate	18.04	149	1394630	19.04	ng/ul	100
74) Fluoranthene	19.12	202	1547623	21.86	ng/ul	98
77) Pyrene	19.49	202	1625519	20.19	ng/ul	100
78) Butylbenzylphthalate	20.40	149	631630	18.79	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.17	252	535402	24.39	ng/ul	98
80) Benzo(a)anthracene	21.24	228	1592671	20.39	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.18	149	911427	19.33	ng/ul	99
82) Chrysene	21.29	228	1484028	20.59	ng/ul	99
84) Di-n-octyl phthalate	22.06	149	1626999	19.34	ng/ul	100
85) Benzo(b)fluoranthene	22.80	252	1680738	19.66	ng/ul	100
86) Benzo(k)fluoranthene	22.85	252	1620295	20.82	ng/ul	100
88) Benzo(a)pyrene	23.37	252	1639620	20.65	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.69	276	1887269	21.30	ng/ul	97
90) Dibenzo(a,h)anthracene	25.70	278	1579863	21.60	ng/ul	100
91) Benzo(g,h,i)perylene	26.37	276	1616493	21.16	ng/ul	99

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

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