Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001487.D
Acq On : 30 May 2015 22:28
Operator : TP/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02060

Quant Time: May 31 02:22:22 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 31 02:16:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	172130	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	690052	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	355553	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	700200	20.00	ng/ul	0.00
75) Chrysene-d12	21.03	240	682151	20.00	ng/ul	0.00
83) Perylene-d12	23.11	264	620399	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.80	96	26125	7.58	ng/uL	0.00
5) Phenol-d5	6.59	99	258063	20.22	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.72	67	157170	19.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	220208	21.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	209890	19.53	ng/ul	0.01
19) Nitrobenzene-d5	8.54	128	101312	22.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	115072	22.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	216021	21.07	ng/ul	0.01
29) 4-Chloroaniline-d4	10.31	131	272633	22.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	505975	20.29	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	722240	21.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	90446	17.79	ng/ul	0.01
57) Fluorene-d10	15.07	176	473934	19.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.21	200	49076	11.39	ng/ul	0.00
70) Anthracene-d10	16.92	188	663134	20.55	ng/ul	0.00
76) Pyrene-d10	19.22	212	677823	22.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	22.99	264	557908	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.84	88	29069	7.52	ng/uL	90
4) Benzaldehyde	6.52	77	176222	26.54	ng/ul	98
6) Phenol	6.61	94	269277	19.96	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.82	93	211670	19.77	ng/ul	99
10) 2-Chlorophenol	6.95	128	225667	20.82	ng/ul	99
11) 2-Methylphenol	7.85	108	208762	19.88	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.93	45	381407	19.19	ng/ul	99
14) Acetophenone	8.20	105	341446	19.44	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.19	70	172277	20.59	ng/ul	96
16) 4-Methylphenol	8.18	108	221725	19.29	ng/ul	96
17) Hexachloroethane	8.44	117	79880	17.40	ng/ul	98
20) Nitrobenzene	8.58	77	252843	21.11	ng/ul	97
21) Isophorone	9.10	82	438841	20.94	ng/ul	99
23) 2-Nitrophenol	9.29	139	125131	22.02	ng/ul	93
24) 2,4-Dimethylphenol	9.37	107	247421	20.51	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.60	93	274979	20.58	ng/ul	98
27) 2,4-Dichlorophenol	9.83	162	211632	20.99	ng/ul	98
28) Naphthalene	10.21	128	710303	20.02	ng/ul	99
30) 4-Chloroaniline	10.33	127	269084	21.78	ng/ul	95
31) Hexachlorobutadiene	10.50	225	134422	20.13	ng/ul	98
32) Caprolactam	11.09	113	58860	17.77	ng/ul	96
33) 4-Chloro-3-methylphenol	11.49	107	210719	19.39	ng/ul	97
34) 2-Methylnaphthalene	11.84	142	490107	19.15	ng/ul	98

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.23	216	241733	22.56	ng/ul	99
37) Hexachlorocyclopentadiene	12.20	237	29939	4.86	ng/ul	97
38) 2,4,6-Trichlorophenol	12.49	196	156741	23.83	ng/ul	93
39) 2,4,5-Trichlorophenol	12.56	196	166034	22.91	ng/ul	96
40) 1,1'-Biphenyl	12.89	154	622258	21.85	ng/ul	98
41) 2-Chloronaphthalene	12.92	162	480649	21.76	ng/ul	99
42) 2-Nitroaniline	13.15	65	140091	23.02	ng/ul	97
44) Dimethylphthalate	13.53	163	555480	19.74	ng/ul	98
45) 2,6-Dinitrotoluene	13.66	165	116167	21.85	ng/ul	95
47) Acenaphthylene	13.78	152	757440	20.99	ng/ul	100
48) 3-Nitroaniline	13.99	138	121228	21.25	ng/ul	97
49) Acenaphthene	14.13	153	498082	20.52	ng/ul	100
50) 2,4-Dinitrophenol	14.20	184	29172	8.62	ng/ul	92
52) 4-Nitrophenol	14.33	109	73992	16.95	ng/ul	100
53) Dibenzofuran	14.47	168	681372	19.60	ng/ul	99
54) 2,4-Dinitrotoluene	14.46	165	155792	19.14	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.71	232	130103	20.58	ng/ul	98
56) Diethylphthalate	14.92	149	553719	18.90	ng/ul	98
58) Fluorene	15.12	166	552009	18.79	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.12	204	270085	18.85	ng/ul	97
60) 4-Nitroaniline	15.16	138	109991	18.10	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.23	198	52532	11.26	ng/ul	96
64) N-Nitrosodiphenylamine	15.34	169	453263	22.26	ng/ul	98
65) 4-Bromophenyl-phenylether	16.02	248	151468	21.93	ng/ul	96
66) Hexachlorobenzene	16.13	284	163123	21.03	ng/ul	97
67) Atrazine	16.30	200	148551	20.02	ng/ul	98
68) Pentachlorophenol	16.49	266	89192	19.75	ng/ul	95
69) Phenanthrene	16.86	178	791521	20.30	ng/ul	98
71) Anthracene	16.95	178	822902	20.45	ng/ul	99
72) Carbazole	17.23	167	723280	19.34	ng/ul	99
73) Di-n-butylphthalate	17.80	149	877554	20.30	ng/ul	99
74) Fluoranthene	18.89	202	872494	18.47	ng/ul	99
77) Pyrene	19.25	202	908427	22.28	ng/ul	99
78) Butylbenzylphthalate	20.17	149	388595	24.17	ng/ul	95
79) 3,3'-Dichlorobenzidine	20.95	252	275674	21.09	ng/ul	99
80) Benzo(a)anthracene	21.01	228	829221	20.82	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	20.96	149	562872	22.13	ng/ul	100
82) Chrysene	21.06	228	773000	20.61	ng/ul	99
84) Di-n-octyl phthalate	21.80	149	954354	20.86	ng/ul	100
85) Benzo(b)fluoranthene	22.50	252	748092	19.70	ng/ul	99
86) Benzo(k)fluoranthene	22.54	252	747276	20.54	ng/ul	99
88) Benzo(a)pyrene	23.03	252	720841	20.23	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.17	276	797158	21.25	ng/ul	97
90) Dibenzo(a,h)anthracene	25.18	278	676082	21.46	ng/ul	99
91) Benzo(g,h,i)perylene	25.80	276	671043	21.68	ng/ul	97

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

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Instrument :
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