Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM020915\
Data File : BM000449.D
Acq On : 10 Feb 2015 03:35
Operator : TP/IZ
Sample : SSTD02092
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02092

Manual Integrations APPROVED
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2/11/2015 4:04:26 PM

Quant Time: Feb 10 04:31:05 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 09 13:47:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	158476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	637132	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	408673	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	926984	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1002970	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	926423	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	22276	7.71	ng/uL	0.00
5) Phenol-d5	6.89	99	220604	20.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	135526	20.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	189904	20.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	184638	21.17	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	85465	21.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	94510	20.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	202463	20.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	196205	21.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	576037	20.46	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	783968	20.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	98647	21.41	ng/ul	0.00
57) Fluorene-d10	15.37	176	574332	20.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	99406	20.26	ng/ul	0.00
70) Anthracene-d10	17.22	188	878534	20.84	ng/ul	0.00
76) Pyrene-d10	19.52	212	965565	20.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	863396	20.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	25570	7.97	ng/uL	91
4) Benzaldehyde	6.87	77	70292	20.28	ng/ul	96
6) Phenol	6.92	94	230739	21.20	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.15	93	185520	21.15	ng/ul	99
10) 2-Chlorophenol	7.29	128	196985	21.03	ng/ul	96
11) 2-Methylphenol	8.16	108	182485	21.51	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	369869	20.87	ng/ul	98
14) Acetophenone	8.55	105	302619	20.76	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.53	70	141079	21.10	ng/ul	98
16) 4-Methylphenol	8.49	108	196429	21.38	ng/ul	95
17) Hexachloroethane	8.80	117	84553	20.29	ng/ul	93
20) Nitrobenzene	8.92	77	231828	21.19	ng/ul	98
21) Isophorone	9.44	82	382380	21.00	ng/ul	98
23) 2-Nitrophenol	9.63	139	105796	21.69	ng/ul	96
24) 2,4-Dimethylphenol	9.69	107	241593	20.89	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.93	93	239666	21.51	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	198568	20.93	ng/ul	97
28) Naphthalene	10.56	128	657812	20.50	ng/ul	99
30) 4-Chloroaniline	10.67	127	202205	22.01	ng/ul	95
31) Hexachlorobutadiene	10.85	225	152746	20.87	ng/ul	99
32) Caprolactam	11.42	113	47187m	22.70	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	213962	21.53	ng/ul	98
34) 2-Methylnaphthalene	12.18	142	483669	20.97	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	266241	19.77	ng/ul	98
37) Hexachlorocyclopentadiene	12.53	237	152335	19.22	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.80	196	149991	20.86	ng/ul	95
39) 2,4,5-Trichlorophenol	12.87	196	167494	20.34	ng/ul	92
40) 1,1'-Biphenyl	13.20	154	653093	19.92	ng/ul	99
41) 2-Chloronaphthalene	13.24	162	508647	20.03	ng/ul	99
42) 2-Nitroaniline	13.45	65	128909	19.78	ng/ul	94
44) Dimethylphthalate	13.83	163	637056	20.59	ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	113755	20.76	ng/ul#	93
47) Acenaphthylene	14.09	152	815952	20.32	ng/ul	99
48) 3-Nitroaniline	14.28	138	116437	22.59	ng/ul	95
49) Acenaphthene	14.44	153	530736	19.99	ng/ul	98
50) 2,4-Dinitrophenol	14.49	184	48137	17.29	ng/ul	95
52) 4-Nitrophenol	14.59	109	113471	20.08	ng/ul	98
53) Dibenzofuran	14.77	168	775858	20.03	ng/ul	95
54) 2,4-Dinitrotoluene	14.74	165	176795	22.16	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.00	232	142335	21.41	ng/ul#	96
56) Diethylphthalate	15.20	149	645802	21.28	ng/ul	100
58) Fluorene	15.43	166	639989	20.46	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.42	204	330732	20.35	ng/ul	95
60) 4-Nitroaniline	15.44	138	124163	21.58	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.50	198	105915	20.52	ng/ul	97
64) N-Nitrosodiphenylamine	15.63	169	547168	20.69	ng/ul	97
65) 4-Bromophenyl-phenylether	16.32	248	191330	20.12	ng/ul	96
66) Hexachlorobenzene	16.43	284	218725	20.26	ng/ul	98
67) Atrazine	16.59	200	191214	22.02	ng/ul	97
68) Pentachlorophenol	16.77	266	106104	20.05	ng/ul	95
69) Phenanthrene	17.16	178	1031053	20.59	ng/ul	98
71) Anthracene	17.25	178	1077699	21.27	ng/ul	98
72) Carbazole	17.52	167	930297	21.66	ng/ul	100
73) Di-n-butylphthalate	18.09	149	1013237	22.26	ng/ul	99
74) Fluoranthene	19.18	202	1192592	21.56	ng/ul	98
77) Pyrene	19.54	202	1288702	20.73	ng/ul	100
78) Butylbenzylphthalate	20.45	149	456062	22.20	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.23	252	363340	22.40	ng/ul#	98
80) Benzo(a)anthracene	21.30	228	1179259	20.61	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	650982	22.36	ng/ul	99
82) Chrysene	21.35	228	1121825	20.56	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1108433	22.15	ng/ul	100
85) Benzo(b)fluoranthene	22.88	252	1121952	20.40	ng/ul	97
86) Benzo(k)fluoranthene	22.92	252	1120058	21.11	ng/ul	98
88) Benzo(a)pyrene	23.46	252	1082650	20.75	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.81	276	1192179	20.61	ng/ul	98
90) Dibenzo(a,h)anthracene	25.83	278	1003525	20.81	ng/ul	99
91) Benzo(g,h,i)perylene	26.51	276	994806	20.29	ng/ul	99

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

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