Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100317\
Data File : BM011848.D
Acq On : 03 Oct 2017 12:25
Operator : SJ/JU
Sample : SSTD02011
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02011

Manual Integrations APPROVED
Sohil
10/4/2017 7:27:50 PM

Quant Time: Oct 03 13:11:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 13:10:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	234498	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1087743	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	703809	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1730595	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2101867	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1975543	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	41949	7.97	ng/uL	0.00
5) Phenol-d5	7.03	99	404838	17.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	249674	14.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	343276	20.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	355594	19.68	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	165000	19.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	184682	20.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	377247	21.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	464507	24.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1290096	21.37	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	1533017	21.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	207252	20.09	ng/ul	0.00
57) Fluorene-d10	15.51	176	1114889	21.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	220632	18.82	ng/ul	0.00
70) Anthracene-d10	17.36	188	1786367	20.28	ng/ul	0.00
76) Pyrene-d10	19.64	212	2118929	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	2009378	21.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	43101	7.363	ng/uL#	67
4) Benzaldehyde	7.02	77	225375	19.926	ng/ul	93
6) Phenol	7.06	94	403354	17.292	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.30	93	313999	17.509	ng/ul	97
10) 2-Chlorophenol	7.44	128	332909	19.884	ng/ul	98
11) 2-Methylphenol	8.32	108	308119	17.987	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.41	45	407298	10.604	ng/ul#	88
14) Acetophenone	8.70	105	532391	18.340	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.69	70	283644	17.311	ng/ul#	68
16) 4-Methylphenol	8.65	108	349161	18.543	ng/ul	93
17) Hexachloroethane	8.96	117	133624	18.099	ng/ul	83
20) Nitrobenzene	9.09	77	406717	17.416	ng/ul	96
21) Isophorone	9.61	82	747331	17.060	ng/ul#	92
23) 2-Nitrophenol	9.80	139	197405	20.951	ng/ul#	76
24) 2,4-Dimethylphenol	9.85	107	410894	19.156	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.09	93	457343	18.031	ng/ul	97
27) 2,4-Dichlorophenol	10.33	162	360158	21.926	ng/ul#	90
28) Naphthalene	10.73	128	1126818	19.820	ng/ul	100
30) 4-Chloroaniline	10.85	127	454367	24.603	ng/ul	95
31) Hexachlorobutadiene	11.01	225	261630	22.625	ng/ul	97
32) Caprolactam	11.62	113	110824m	20.824	ng/ul	
33) 4-Chloro-3-methylphenol	11.96	107	393193	21.143	ng/ul	90
34) 2-Methylnaphthalene	12.34	142	872447	21.648	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.71	216	498277	20.943	ng/ul	98
37) Hexachlorocyclopentadiene	12.69	237	272404	17.814	ng/ul	100
38) 2,4,6-Trichlorophenol	12.95	196	324468	21.236	ng/ul	98
39) 2,4,5-Trichlorophenol	13.02	196	337667	21.348	ng/ul	99
40) 1,1'-Biphenyl	13.35	154	1172973	20.235	ng/ul	99
41) 2-Chloronaphthalene	13.40	162	918537	20.679	ng/ul	98
42) 2-Nitroaniline	13.60	65	248291	15.201	ng/ul	94
44) Dimethylphthalate	13.97	163	1233516	21.365	ng/ul	99
45) 2,6-Dinitrotoluene	14.10	165	243211	22.875	ng/ul	90
47) Acenaphthylene	14.24	152	1482684	20.247	ng/ul	99
48) 3-Nitroaniline	14.43	138	212777	19.570	ng/ul	87
49) Acenaphthene	14.58	153	1004918	20.150	ng/ul	99
50) 2,4-Dinitrophenol	14.63	184	128444	18.404	ng/ul	94
52) 4-Nitrophenol	14.73	109	169532	16.799	ng/ul#	79
53) Dibenzofuran	14.92	168	1463747	21.370	ng/ul	100
54) 2,4-Dinitrotoluene	14.89	165	354050	23.337	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.14	232	331675	22.733	ng/ul#	86
56) Diethylphthalate	15.33	149	1261208	20.774	ng/ul	95
58) Fluorene	15.56	166	1219262	21.022	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.56	204	639663	21.933	ng/ul	98
60) 4-Nitroaniline	15.59	138	221261	18.545	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.64	198	228117	19.164	ng/ul#	89
64) N-Nitrosodiphenylamine	15.77	169	1060034	20.722	ng/ul	100
65) 4-Bromophenyl-phenylether	16.45	248	400934	21.063	ng/ul	96
66) Hexachlorobenzene	16.57	284	448492	21.205	ng/ul	94
67) Atrazine	16.72	200	407587	20.551	ng/ul	93
68) Pentachlorophenol	16.91	266	262176	18.830	ng/ul	97
69) Phenanthrene	17.30	178	1974399	20.384	ng/ul	99
71) Anthracene	17.39	178	2047318	20.515	ng/ul	99
72) Carbazole	17.66	167	1697618	19.418	ng/ul	99
73) Di-n-butylphthalate	18.22	149	2155120	19.140	ng/ul#	98
74) Fluoranthene	19.32	202	2445712	20.681	ng/ul#	91
77) Pyrene	19.67	202	2620103	20.918	ng/ul#	87
78) Butylbenzylphthalate	20.56	149	1030913	19.691	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.34	252	819045	20.494	ng/ul#	94
80) Benzo(a)anthracene	21.42	228	2619366	22.275	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1504440	19.252	ng/ul#	97
82) Chrysene	21.47	228	2488478	22.437	ng/ul	100
84) Di-n-octyl phthalate	22.23	149	2574488	16.861	ng/ul	100
85) Benzo(b)fluoranthene	23.05	252	2597655	22.286	ng/ul#	97
86) Benzo(k)fluoranthene	23.10	252	2559761	21.527	ng/ul#	97
88) Benzo(a)pyrene	23.66	252	2442910	21.700	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.13	276	2442585	20.839	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.14	278	2010664	20.482	ng/ul#	95
91) Benzo(g,h,i)perylene	26.87	276	2005282	20.611	ng/ul#	94

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

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