Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012605.D
Acq On : 31 Oct 2017 13:23
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02074

Quant Time: Oct 31 14:26:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	397961	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1496331	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.49	164	852583	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1965688	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2337599	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	2698125	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	66200	8.50	ng/uL	0.00
5) Phenol-d5	7.03	99	587480	17.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	348982	17.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	483151	19.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	479362	16.87	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	224395	23.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	247300	25.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	497449	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	570021	21.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1317416	17.69	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1710962	19.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	220422	19.91	ng/ul	0.01
57) Fluorene-d10	15.49	176	1151506	18.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	131816	13.86	ng/ul	0.01
70) Anthracene-d10	17.33	188	1802083	19.24	ng/ul	0.00
76) Pyrene-d10	19.62	212	2006647	18.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2409708	18.80	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	71091	8.544	ng/uL#	64
4) Benzaldehyde	7.00	77	397857	22.009	ng/ul	90
6) Phenol	7.06	94	602120	17.395	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.29	93	459831	18.064	ng/ul	98
10) 2-Chlorophenol	7.43	128	496315	19.478	ng/ul	99
11) 2-Methylphenol	8.30	108	445708	17.078	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.40	45	503912	18.017	ng/ul#	81
14) Acetophenone	8.68	105	722494	16.184	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.67	70	377602	15.499	ng/ul#	65
16) 4-Methylphenol	8.63	108	473272	16.568	ng/ul	93
17) Hexachloroethane	8.94	117	197494	18.289	ng/ul	86
20) Nitrobenzene	9.06	77	557356	20.646	ng/ul	94
21) Isophorone	9.59	82	982576	17.199	ng/ul	95
23) 2-Nitrophenol	9.77	139	266545	24.847	ng/ul#	77
24) 2,4-Dimethylphenol	9.83	107	544368	18.037	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	10.06	93	585527	18.237	ng/ul	95
27) 2,4-Dichlorophenol	10.30	162	481203	19.287	ng/ul	93
28) Naphthalene	10.70	128	1442052	19.437	ng/ul	100
30) 4-Chloroaniline	10.81	127	573854	21.132	ng/ul	94
31) Hexachlorobutadiene	10.99	225	362999	18.964	ng/ul	95
32) Caprolactam	11.59	113	142387	17.621	ng/ul#	38
33) 4-Chloro-3-methylphenol	11.94	107	480388	17.138	ng/ul	97
34) 2-Methylnaphthalene	12.32	142	1064933	17.675	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	626975	20.766	ng/ul	98
37) Hexachlorocyclopentadiene	12.66	237	148279	7.605	ng/ul	99
38) 2,4,6-Trichlorophenol	12.93	196	408177	22.577	ng/ul	99
39) 2,4,5-Trichlorophenol	13.00	196	420658	21.951	ng/ul	98
40) 1,1'-Biphenyl	13.33	154	1361826	20.021	ng/ul	98
41) 2-Chloronaphthalene	13.37	162	1095968	20.540	ng/ul	99
42) 2-Nitroaniline	13.57	65	307111	24.750	ng/ul	95
44) Dimethylphthalate	13.94	163	1306064	17.727	ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	267768	22.871	ng/ul	90
47) Acenaphthylene	14.22	152	1652166	19.649	ng/ul	99
48) 3-Nitroaniline	14.40	138	273893	24.966	ng/ul	91
49) Acenaphthene	14.56	153	1112050	19.309	ng/ul	100
50) 2,4-Dinitrophenol	14.62	184	70571	10.738	ng/ul	92
52) 4-Nitrophenol	14.72	109	194010	17.270	ng/ul#	78
53) Dibenzofuran	14.89	168	1608961	18.878	ng/ul	97
54) 2,4-Dinitrotoluene	14.86	165	387548	22.101	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.12	232	365638	20.615	ng/ul	93
56) Diethylphthalate	15.31	149	1271603	16.930	ng/ul	96
58) Fluorene	15.54	166	1325334	18.386	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.53	204	700059	17.849	ng/ul	97
60) 4-Nitroaniline	15.56	138	296285	21.544	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.63	198	144569	13.817	ng/ul	90
64) N-Nitrosodiphenylamine	15.74	169	1118304	19.577	ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	450267	19.121	ng/ul	96
66) Hexachlorobenzene	16.55	284	506886	19.460	ng/ul	98
67) Atrazine	16.70	200	439324	17.884	ng/ul	94
68) Pentachlorophenol	16.89	266	291463	20.460	ng/ul	96
69) Phenanthrene	17.28	178	2059898	19.378	ng/ul	99
71) Anthracene	17.37	178	2150134	19.570	ng/ul	99
72) Carbazole	17.64	167	1848151	20.307	ng/ul	100
73) Di-n-butylphthalate	18.20	149	2175828	18.748	ng/ul#	98
74) Fluoranthene	19.29	202	2526244	20.973	ng/ul#	93
77) Pyrene	19.65	202	2609386	19.629	ng/ul#	90
78) Butylbenzylphthalate	20.54	149	1017680	19.431	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.33	252	1053811	20.542	ng/ul	97
80) Benzo(a)anthracene	21.40	228	2745714	19.615	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	1476895	18.535	ng/ul	99
82) Chrysene	21.44	228	2463735	19.796	ng/ul	100
84) Di-n-octyl phthalate	22.22	149	2662977	19.027	ng/ul	99
85) Benzo(b)fluoranthene	23.02	252	3081855	18.478	ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	2884911	18.377	ng/ul#	97
88) Benzo(a)pyrene	23.61	252	2953834	18.575	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	3712254	19.835	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.07	278	3135148	19.759	ng/ul#	96
91) Benzo(g,h,i)perylene	26.77	276	3078138	20.293	ng/ul#	96

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

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