Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\
Data File : BM014693.D
Acq On : 13 Apr 2018 09:30
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02076

Quant Time: Apr 13 23:45:42 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 10 01:36:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	397031	20.00	ng/ul	0.00
18) Naphthalene-d8	11.42	136	1730623	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.17	164	997582	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.88	188	2191516	20.00	ng/ul	0.00
77) Chrysene-d12	21.97	240	2308609	20.00	ng/ul	0.00
85) Perylene-d12	24.47	264	2099214	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.69	96	70154	8.50	ng/uL	0.00
5) Phenol-d5	7.69	99	640724	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.87	67	420537	21.11	ng/ul	0.00
9) 2-Chlorophenol-d4	8.09	132	524867	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	9.26	113	532764	20.60	ng/ul	0.00
19) Nitrobenzene-d5	9.75	128	247650	22.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.48	143	209699	20.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.02	165	516768	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.54	131	715771	24.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.56	166	1593618	20.22	ng/ul	0.00
46) Acenaphthylene-d8	14.87	160	2023993	20.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.32	143	275288	21.52	ng/ul	0.00
57) Fluorene-d10	16.14	176	1405369	20.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	186276	19.91	ng/ul	0.00
70) Anthracene-d10	17.98	188	2158763	20.91	ng/ul	0.00
78) Pyrene-d10	20.21	212	2307249	19.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.31	264	2127360	20.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	73727	8.297	ng/uL	96
4) Benzaldehyde	7.68	77	415376	22.946	ng/ul	93
6) Phenol	7.71	94	639811	20.692	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.96	93	518146	21.202	ng/ul#	86
10) 2-Chlorophenol	8.12	128	523303	20.285	ng/ul#	92
11) 2-Methylphenol	9.00	108	477722	20.290	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	9.09	45	979021	21.612	ng/ul#	82
14) Acetophenone	9.40	105	816280	21.335	ng/ul#	87
15) N-Nitroso-di-n-propylamine	9.38	70	416208	20.331	ng/ul#	73
16) 4-Methylphenol	9.33	108	525314	20.759	ng/ul	99
17) Hexachloroethane	9.68	117	210322	20.118	ng/ul	97
20) Nitrobenzene	9.79	77	616807	21.732	ng/ul	92
21) Isophorone	10.32	82	1095733	19.771	ng/ul	98
23) 2-Nitrophenol	10.52	139	244279	20.964	ng/ul	92
24) 2,4-Dimethylphenol	10.55	107	599437	20.362	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.79	93	703425	20.629	ng/ul	99
27) 2,4-Dichlorophenol	11.05	162	489601	20.421	ng/ul	99
28) Naphthalene	11.47	128	1737485	20.594	ng/ul	100
30) 4-Chloroaniline	11.56	127	687820	24.909	ng/ul	99
31) Hexachlorobutadiene	11.74	225	320875	20.053	ng/ul	98
32) Caprolactam	12.30	113	143123	19.939	ng/ul#	49
33) 4-Chloro-3-methylphenol	12.64	107	526598	20.647	ng/ul	94
34) 2-Methylnaphthalene	13.03	142	1250358	20.775	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.39	216	632588	19.977 ng/ul	98
37) Hexachlorocyclopentadiene	13.37	237	395680	18.750 ng/ul	99
38) 2,4,6-Trichlorophenol	13.62	196	371974	19.777 ng/ul	99
39) 2,4,5-Trichlorophenol	13.69	196	403966	20.503 ng/ul	99
40) 1,1'-Biphenyl	14.02	154	1627466	20.371 ng/ul	99
41) 2-Chloronaphthalene	14.06	162	1253646	20.249 ng/ul	96
42) 2-Nitroaniline	14.25	65	331850	23.004 ng/ul	83
44) Dimethylphthalate	14.60	163	1553030	20.449 ng/ul	99
45) 2,6-Dinitrotoluene	14.73	165	282383	23.021 ng/ul	90
47) Acenaphthylene	14.90	152	1948356	20.519 ng/ul	99
48) 3-Nitroaniline	15.06	138	302251	24.394 ng/ul	91
49) Acenaphthene	15.23	153	1366217	20.607 ng/ul	99
50) 2,4-Dinitrophenol	15.25	184	113377	21.357 ng/ul#	46
52) 4-Nitrophenol	15.33	109	212481	21.852 ng/ul#	89
53) Dibenzofuran	15.56	168	1903767	20.926 ng/ul	98
54) 2,4-Dinitrotoluene	15.50	165	428903	24.222 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.77	232	343735	20.507 ng/ul	98
56) Diethylphthalate	15.94	149	1565550	20.604 ng/ul	99
58) Fluorene	16.20	166	1551366	20.934 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.18	204	783418	20.640 ng/ul	94
60) 4-Nitroaniline	16.20	138	318927	22.787 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.25	198	198763	19.683 ng/ul	95
64) N-Nitrosodiphenylamine	16.39	169	1321513	20.184 ng/ul	99
65) 4-Bromophenyl-phenylether	17.07	248	478145	19.461 ng/ul#	90
66) Hexachlorobenzene	17.19	284	550960	20.055 ng/ul	93
67) Atrazine	17.31	200	453951	19.906 ng/ul	98
68) Pentachlorophenol	17.52	266	269557	18.671 ng/ul	100
69) Phenanthrene	17.92	178	2436377	20.750 ng/ul	99
71) Anthracene	18.02	178	2508824	20.986 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.99	216	642922	19.135 ng/uL	99
73) Pentachlorobenzene	15.48	250	631429	19.508 ng/uL	99
74) Carbazole	18.27	167	2150059	21.725 ng/ul	99
75) Di-n-butylphthalate	18.79	149	2539036	20.666 ng/ul	100
76) Fluoranthene	19.89	202	2762545	22.749 ng/ul	100
79) Pyrene	20.24	202	2848490	19.749 ng/ul	99
80) Butylbenzylphthalate	21.08	149	1009534	19.998 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.86	252	927356	22.194 ng/ul	99
82) Benzo(a)anthracene	21.95	228	2817482	20.813 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.83	149	1477960	19.632 ng/ul	99
84) Chrysene	22.00	228	2595611	20.531 ng/ul	99
86) Di-n-octyl phthalate	22.80	149	2276442	18.490 ng/ul#	89
87) Benzo(b)fluoranthene	23.71	252	2597056	20.622 ng/ul	99
88) Benzo(k)fluoranthene	23.76	252	2543409	20.986 ng/ul	100
90) Benzo(a)pyrene	24.37	252	2430529	20.620 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	27.09	276	2543390	19.240 ng/ul	97
92) Dibenzo(a,h)anthracene	27.10	278	2127409	19.192 ng/ul	98
93) Benzo(g,h,i)perylene	27.89	276	2031071	18.899 ng/ul	97

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

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