Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM092616\
Data File : BM007573.D
Acq On : 26 Sep 2016 16:17
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02054

Quant Time: Sep 26 16:56:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 26 03:32:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	201541	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	962748	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	746814	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1715986	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2305545	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	2134980	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	34598	8.44	ng/uL	0.00
5) Phenol-d5	6.95	99	363994	20.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	203978	21.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	275564	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	317692	20.81	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	143706	20.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	166189	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	326468	20.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	364765	22.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1119808	20.61	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1312134	20.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	195156	20.35	ng/ul	0.00
57) Fluorene-d10	15.40	176	971853	20.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	202398	19.33	ng/ul	0.00
70) Anthracene-d10	17.25	188	1625262	20.61	ng/ul	0.00
76) Pyrene-d10	19.54	212	2023967	22.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	1978460	20.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	37672	8.76	ng/uL	97
4) Benzaldehyde	6.93	77	251988	21.00	ng/ul	99
6) Phenol	6.97	94	374964	20.66	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.21	93	272959	21.00	ng/ul	99
10) 2-Chlorophenol	7.35	128	276832	21.25	ng/ul	99
11) 2-Methylphenol	8.22	108	288305	20.61	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.31	45	306593	21.68	ng/ul	97
14) Acetophenone	8.60	105	485931	20.90	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	251626	21.31	ng/ul	92
16) 4-Methylphenol	8.55	108	322886	20.62	ng/ul	96
17) Hexachloroethane	8.85	117	110075	20.65	ng/ul	98
20) Nitrobenzene	8.97	77	369002	20.92	ng/ul	98
21) Isophorone	9.50	82	702224	20.81	ng/ul	98
23) 2-Nitrophenol	9.68	139	171690	21.10	ng/ul	95
24) 2,4-Dimethylphenol	9.74	107	391093	20.78	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.97	93	403220	20.94	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	316245	20.60	ng/ul	97
28) Naphthalene	10.61	128	944470	20.31	ng/ul	100
30) 4-Chloroaniline	10.73	127	367454	21.46	ng/ul	96
31) Hexachlorobutadiene	10.89	225	223725	19.95	ng/ul	96
32) Caprolactam	11.50	113	83883	14.93	ng/ul	93
33) 4-Chloro-3-methylphenol	11.85	107	392754	21.01	ng/ul	92
34) 2-Methylnaphthalene	12.22	142	752255	20.61	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	456966	20.75 ng/ul	99
37) Hexachlorocyclopentadiene	12.57	237	221271	18.71 ng/ul	99
38) 2,4,6-Trichlorophenol	12.84	196	299156	21.29 ng/ul	99
39) 2,4,5-Trichlorophenol	12.92	196	323900	21.07 ng/ul	98
40) 1,1'-Biphenyl	13.24	154	1043543	21.04 ng/ul	98
41) 2-Chloronaphthalene	13.28	162	800605	20.75 ng/ul	98
42) 2-Nitroaniline	13.49	65	258589	21.81 ng/ul	93
44) Dimethylphthalate	13.87	163	1082987	20.55 ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	221932	21.23 ng/ul	92
47) Acenaphthylene	14.13	152	1307072	20.88 ng/ul	99
48) 3-Nitroaniline	14.32	138	225081	21.19 ng/ul	97
49) Acenaphthene	14.47	153	887172	20.62 ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	127052	18.20 ng/ul#	86
52) 4-Nitrophenol	14.63	109	198159	19.85 ng/ul	88
53) Dibenzofuran	14.81	168	1296945	20.43 ng/ul	96
54) 2,4-Dinitrotoluene	14.79	165	339377	21.05 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.04	232	321578	21.14 ng/ul	97
56) Diethylphthalate	15.23	149	1111222	20.67 ng/ul	99
58) Fluorene	15.46	166	1065228	20.33 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	562696	20.41 ng/ul	96
60) 4-Nitroaniline	15.49	138	240827	20.61 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.55	198	208835	19.43 ng/ul	100
64) N-Nitrosodiphenylamine	15.67	169	961997	20.75 ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	383598	20.51 ng/ul	97
66) Hexachlorobenzene	16.46	284	433519	20.58 ng/ul	97
67) Atrazine	16.62	200	391958	20.31 ng/ul	99
68) Pentachlorophenol	16.81	266	262500	19.90 ng/ul	100
69) Phenanthrene	17.20	178	1856365	20.43 ng/ul	100
71) Anthracene	17.29	178	1895758	20.55 ng/ul	100
72) Carbazole	17.56	167	1683595	20.54 ng/ul	99
73) Di-n-butylphthalate	18.12	149	1964993	21.19 ng/ul	100
74) Fluoranthene	19.22	202	2400344	20.95 ng/ul	98
77) Pyrene	19.57	202	2496180	22.07 ng/ul	99
78) Butylbenzylphthalate	20.47	149	1005916	23.17 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.26	252	862802	20.37 ng/ul	99
80) Benzo(a)anthracene	21.32	228	2634289	20.91 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.24	149	1449813	23.16 ng/ul	99
82) Chrysene	21.37	228	2477838	20.59 ng/ul	99
84) Di-n-octyl phthalate	22.13	149	2597321	25.19 ng/ul	99
85) Benzo(b)fluoranthene	22.92	252	2664774	22.25 ng/ul	99
86) Benzo(k)fluoranthene	22.96	252	2394637	20.78 ng/ul	100
88) Benzo(a)pyrene	23.50	252	2396013	20.84 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.89	276	2407462	18.96 ng/ul	99
90) Dibenzo(a,h)anthracene	25.89	278	1971830	18.86 ng/ul	100
91) Benzo(g,h,i)perylene	26.59	276	1978543	18.58 ng/ul	97

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

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