Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071816\
Data File : BM006519.D
Acq On : 18 Jul 2016 13:29
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02039

Quant Time: Jul 19 02:05:57 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 19 02:05:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	158859	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	657678	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	360266	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	818269	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	976824	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	1061760	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	30544	8.10	ng/uL	0.00
5) Phenol-d5	6.79	99	281946	21.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	176651	22.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	222616	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	214657	20.75	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	102808	20.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	111944	19.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	207978	19.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	269514	24.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	580084	19.67	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	750308	20.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	105222	20.54	ng/ul	0.00
57) Fluorene-d10	15.26	176	515771	19.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	89014	18.81	ng/ul	0.00
70) Anthracene-d10	17.12	188	808935	20.91	ng/ul	0.00
76) Pyrene-d10	19.42	212	919356	20.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1014761	20.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	33703	8.34	ng/uL#	22
4) Benzaldehyde	6.76	77	188627	23.99	ng/ul	98
6) Phenol	6.82	94	303620	22.13	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.05	93	228063	22.55	ng/ul	99
10) 2-Chlorophenol	7.18	128	231459	21.36	ng/ul	97
11) 2-Methylphenol	8.06	108	223453	21.86	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.15	45	329218	20.02	ng/ul	99
14) Acetophenone	8.43	105	348550	21.40	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	178418	20.75	ng/ul	100
16) 4-Methylphenol	8.39	108	236809	21.43	ng/ul	99
17) Hexachloroethane	8.68	117	93973	20.39	ng/ul	95
20) Nitrobenzene	8.81	77	272001	20.49	ng/ul	100
21) Isophorone	9.33	82	474730	20.03	ng/ul	99
23) 2-Nitrophenol	9.52	139	125268	20.22	ng/ul	96
24) 2,4-Dimethylphenol	9.58	107	260976	19.47	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	300801	21.22	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	213079	19.86	ng/ul	98
28) Naphthalene	10.45	128	684242	20.50	ng/ul	99
30) 4-Chloroaniline	10.56	127	277489	23.95	ng/ul	95
31) Hexachlorobutadiene	10.73	225	133370	18.20	ng/ul	98
32) Caprolactam	11.30	113	68202	20.01	ng/ul	86
33) 4-Chloro-3-methylphenol	11.70	107	232081	19.31	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	498455	19.81	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	255783	20.24	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	105691	15.88	ng/ul	98
38) 2,4,6-Trichlorophenol	12.69	196	161924	19.74	ng/ul	96
39) 2,4,5-Trichlorophenol	12.76	196	171160	20.25	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	624293	21.01	ng/ul	100
41) 2-Chloronaphthalene	13.13	162	481417	20.71	ng/ul	99
42) 2-Nitroaniline	13.35	65	162173	20.40	ng/ul	95
44) Dimethylphthalate	13.73	163	592508	19.81	ng/ul	98
45) 2,6-Dinitrotoluene	13.85	165	123293	20.74	ng/ul	96
47) Acenaphthylene	13.99	152	796267	20.97	ng/ul	99
48) 3-Nitroaniline	14.18	138	134302	23.99	ng/ul	95
49) Acenaphthene	14.33	153	506072	20.72	ng/ul	95
50) 2,4-Dinitrophenol	14.40	184	50556	14.97	ng/ul	96
52) 4-Nitrophenol	14.50	109	101143	17.45	ng/ul	98
53) Dibenzofuran	14.67	168	726215	20.42	ng/ul	98
54) 2,4-Dinitrotoluene	14.64	165	180354	20.30	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.90	232	148170	19.35	ng/ul	96
56) Diethylphthalate	15.10	149	605913	19.20	ng/ul	98
58) Fluorene	15.32	166	574049	20.18	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.32	204	285078	19.71	ng/ul	99
60) 4-Nitroaniline	15.35	138	151884	22.87	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.42	198	98130	19.47	ng/ul	94
64) N-Nitrosodiphenylamine	15.53	169	516328	21.48	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	183876	20.17	ng/ul	96
66) Hexachlorobenzene	16.33	284	203313	20.00	ng/ul	98
67) Atrazine	16.49	200	189225	21.30	ng/ul	99
68) Pentachlorophenol	16.67	266	94987	19.43	ng/ul	96
69) Phenanthrene	17.06	178	950871	21.13	ng/ul	99
71) Anthracene	17.15	178	989386	21.38	ng/ul	100
72) Carbazole	17.43	167	889962	22.74	ng/ul	99
73) Di-n-butylphthalate	17.99	149	1061788	19.84	ng/ul	100
74) Fluoranthene	19.09	202	1157717	22.14	ng/ul	98
77) Pyrene	19.45	202	1222195	20.96	ng/ul	98
78) Butylbenzylphthalate	20.36	149	522314	20.37	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.14	252	427697	22.48	ng/ul	97
80) Benzo(a)anthracene	21.20	228	1231847	20.66	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	730487	20.52	ng/ul	99
82) Chrysene	21.26	228	1130408	20.14	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	1374376	22.21	ng/ul	97
85) Benzo(b)fluoranthene	22.76	252	1331302	20.98	ng/ul	99
86) Benzo(k)fluoranthene	22.80	252	1242762	20.82	ng/ul	99
88) Benzo(a)pyrene	23.33	252	1285719	21.15	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.62	276	1494465	21.13	ng/ul	99
90) Dibenzo(a,h)anthracene	25.63	278	1244897	21.18	ng/ul	99
91) Benzo(g,h,i)perylene	26.29	276	1269145	20.30	ng/ul	99

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

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