Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005880.D
Acq On : 21 Jun 2016 05:08
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02040

Quant Time: Jun 21 08:16:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 21 08:14:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	161562	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	853641	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	554374	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1382427	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1610273	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1720582	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	34547	8.37	ng/uL	0.00
5) Phenol-d5	6.85	99	393571	22.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	234743	22.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	288732	21.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	333528	22.38	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	140263	22.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	144239	23.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	324979	22.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	309353	22.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1151822	21.92	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1371320	22.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	213127	23.52	ng/ul	0.00
57) Fluorene-d10	15.32	176	975784	22.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	118182	21.22	ng/ul	0.00
70) Anthracene-d10	17.17	188	1560668	22.27	ng/ul	0.00
76) Pyrene-d10	19.47	212	1806465	21.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1921407	21.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	60892	8.54	ng/uL	99
4) Benzaldehyde	6.82	77	40706	19.47	ng/ul	94
6) Phenol	6.87	94	406145	22.52	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.11	93	305504	22.41	ng/ul	99
10) 2-Chlorophenol	7.25	128	291576	21.78	ng/ul	99
11) 2-Methylphenol	8.12	108	318380	22.55	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	453126	22.76	ng/ul	99
14) Acetophenone	8.50	105	521167	23.76	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.49	70	287384	22.87	ng/ul	99
16) 4-Methylphenol	8.45	108	358322	22.81	ng/ul	98
17) Hexachloroethane	8.75	117	108564	21.55	ng/ul	98
20) Nitrobenzene	8.87	77	374024	22.91	ng/ul	99
21) Isophorone	9.39	82	819126	21.74	ng/ul	99
23) 2-Nitrophenol	9.58	139	162071	23.20	ng/ul	98
24) 2,4-Dimethylphenol	9.65	107	404211	21.82	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.88	93	475237	21.43	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	320959	22.06	ng/ul	98
28) Naphthalene	10.51	128	1026928	21.77	ng/ul	99
30) 4-Chloroaniline	10.62	127	329105	22.92	ng/ul	98
31) Hexachlorobutadiene	10.80	225	174139	21.90	ng/ul	98
32) Caprolactam	11.37	113	144043	22.70	ng/ul	96
33) 4-Chloro-3-methylphenol	11.75	107	414813	22.04	ng/ul	97
34) 2-Methylnaphthalene	12.13	142	801902	21.96	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	394051	21.77	ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	202046	22.45	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	273976	21.99	ng/ul	97
39) 2,4,5-Trichlorophenol	12.82	196	303137	22.12	ng/ul	97
40) 1,1'-Biphenyl	13.16	154	1089928	22.15	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	819596	22.12	ng/ul	100
42) 2-Nitroaniline	13.40	65	270877	24.36	ng/ul	98
44) Dimethylphthalate	13.79	163	1136661	22.23	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	205599	24.12	ng/ul	99
47) Acenaphthylene	14.04	152	1412122	22.30	ng/ul	100
48) 3-Nitroaniline	14.23	138	236747	23.79	ng/ul	95
49) Acenaphthene	14.39	153	925578	22.11	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	57772	18.31	ng/ul	95
52) 4-Nitrophenol	14.54	109	194540	23.58	ng/ul	95
53) Dibenzofuran	14.73	168	1335511	22.56	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	312503	24.85	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.95	232	272693	23.19	ng/ul	98
56) Diethylphthalate	15.16	149	1224789	22.11	ng/ul	100
58) Fluorene	15.37	166	1068104	22.80	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.38	204	502186	22.77	ng/ul	99
60) 4-Nitroaniline	15.40	138	267023	23.93	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.45	198	129157	21.26	ng/ul#	92
64) N-Nitrosodiphenylamine	15.59	169	983308	21.68	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	341102	21.90	ng/ul	98
66) Hexachlorobenzene	16.38	284	379083	22.04	ng/ul	100
67) Atrazine	16.54	200	338767	22.29	ng/ul	98
68) Pentachlorophenol	16.72	266	215326	23.12	ng/ul	99
69) Phenanthrene	17.12	178	1845483	21.98	ng/ul	99
71) Anthracene	17.21	178	1886478	22.38	ng/ul	99
72) Carbazole	17.47	167	1826352	24.23	ng/ul	100
73) Di-n-butylphthalate	18.06	149	2230098	22.17	ng/ul	100
74) Fluoranthene	19.13	202	2232306	24.70	ng/ul	98
77) Pyrene	19.50	202	2301075	21.27	ng/ul	99
78) Butylbenzylphthalate	20.42	149	1085530	21.60	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.19	252	781690	24.98	ng/ul	99
80) Benzo(a)anthracene	21.25	228	2294638	21.63	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.20	149	1550875	21.86	ng/ul	99
82) Chrysene	21.30	228	2208688	22.05	ng/ul	99
84) Di-n-octyl phthalate	22.08	149	2840784	23.58	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	2551070	22.43	ng/ul	99
86) Benzo(k)fluoranthene	22.87	252	2284222	21.44	ng/ul	99
88) Benzo(a)pyrene	23.40	252	2374684	22.49	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.73	276	2576102	23.52	ng/ul	98
90) Dibenzo(a,h)anthracene	25.74	278	2141410	23.85	ng/ul	99
91) Benzo(g,h,i)perylene	26.41	276	2136343	23.18	ng/ul	98

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

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