Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM113016\
Data File : BM008127.D
Acq On : 30 Nov 2016 23:56
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02043

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12/1/2016 3:31:25 PM

Quant Time: Dec 01 10:36:37 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 02:52:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	152465	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	593883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	365095	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	677589	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	800453	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	797268	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	25368	8.22	ng/uL	0.00
5) Phenol-d5	6.88	99	222223	19.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	132314	20.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	175478	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	170466	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	84771	19.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	90549	18.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	172579	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	168161	19.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	460702	19.58	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	574103	19.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	59270	16.30	ng/ul	0.00
57) Fluorene-d10	15.33	176	397995	19.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	71616	17.80	ng/ul	0.00
70) Anthracene-d10	17.19	188	581224	19.94	ng/ul	0.00
76) Pyrene-d10	19.49	212	638845	19.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	655449	19.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	28771	8.12	ng/uL	95
4) Benzaldehyde	6.86	77	168191	20.45	ng/ul	99
6) Phenol	6.90	94	235814	20.21	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.13	93	178655	20.17	ng/ul	99
10) 2-Chlorophenol	7.27	128	182526	20.26	ng/ul	98
11) 2-Methylphenol	8.14	108	168964	19.53	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	200973	20.42	ng/ul	97
14) Acetophenone	8.52	105	281554	19.92	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	147159	19.84	ng/ul	100
16) 4-Methylphenol	8.47	108	185500	19.90	ng/ul	98
17) Hexachloroethane	8.76	117	79224	19.72	ng/ul	91
20) Nitrobenzene	8.90	77	212400	20.04	ng/ul	100
21) Isophorone	9.42	82	381024	19.50	ng/ul	99
23) 2-Nitrophenol	9.60	139	95378	19.28	ng/ul	96
24) 2,4-Dimethylphenol	9.66	107	210764	19.85	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	225123	19.86	ng/ul	96
27) 2,4-Dichlorophenol	10.13	162	171715	19.87	ng/ul	99
28) Naphthalene	10.52	128	552699	20.03	ng/ul	98
30) 4-Chloroaniline	10.65	127	179193	20.22	ng/ul	95
31) Hexachlorobutadiene	10.79	225	138566	20.22	ng/ul	95
32) Caprolactam	11.44	113	43070m	16.43	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	173982	18.74	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	388363	19.67	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	234881	20.72 ng/ul	100
37) Hexachlorocyclopentadiene	12.48	237	85422	15.22 ng/ul	97
38) 2,4,6-Trichlorophenol	12.76	196	132560	19.49 ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	136967	19.01 ng/ul	98
40) 1,1'-Biphenyl	13.16	154	500618	20.35 ng/ul	100
41) 2-Chloronaphthalene	13.20	162	381994	20.32 ng/ul	99
42) 2-Nitroaniline	13.43	65	104570	19.48 ng/ul	98
44) Dimethylphthalate	13.80	163	453542	19.65 ng/ul	100
45) 2,6-Dinitrotoluene	13.93	165	89392	19.55 ng/ul	98
47) Acenaphthylene	14.06	152	587381	20.13 ng/ul	99
48) 3-Nitroaniline	14.26	138	77866	18.15 ng/ul	96
49) Acenaphthene	14.40	153	393982	19.77 ng/ul	96
50) 2,4-Dinitrophenol	14.49	184	38128	13.20 ng/ul	98
52) 4-Nitrophenol	14.58	109	54533	15.96 ng/ul	97
53) Dibenzofuran	14.73	168	562901	19.85 ng/ul	98
54) 2,4-Dinitrotoluene	14.73	165	123020	18.87 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.97	232	121550	18.79 ng/ul#	98
56) Diethylphthalate	15.16	149	434549	17.59 ng/ul	97
58) Fluorene	15.39	166	452534	19.66 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.38	204	241926	19.86 ng/ul	97
60) 4-Nitroaniline	15.43	138	75315	17.50 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.49	198	72140	17.43 ng/ul	93
64) N-Nitrosodiphenylamine	15.60	169	381353	20.17 ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	150575	19.94 ng/ul	96
66) Hexachlorobenzene	16.39	284	166014	19.98 ng/ul	97
67) Atrazine	16.56	200	139692	18.85 ng/ul	98
68) Pentachlorophenol	16.75	266	82701	17.20 ng/ul	99
69) Phenanthrene	17.13	178	676908	19.98 ng/ul	99
71) Anthracene	17.22	178	694056	20.07 ng/ul	99
72) Carbazole	17.50	167	579242	19.29 ng/ul	99
73) Di-n-butylphthalate	18.05	149	668355	18.78 ng/ul	99
74) Fluoranthene	19.15	202	769689	19.56 ng/ul	100
77) Pyrene	19.52	202	804569	19.54 ng/ul	99
78) Butylbenzylphthalate	20.42	149	297295	18.74 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.20	252	282683	20.00 ng/ul	99
80) Benzo(a)anthracene	21.27	228	816682	19.77 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	441419	18.47 ng/ul	100
82) Chrysene	21.32	228	783919	20.09 ng/ul	99
84) Di-n-octyl phthalate	22.06	149	773131	18.84 ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	839093	19.65 ng/ul	99
86) Benzo(k)fluoranthene	22.89	252	814109	20.22 ng/ul	99
88) Benzo(a)pyrene	23.42	252	825156	20.11 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.77	276	988961	19.77 ng/ul	100
90) Dibenzo(a,h)anthracene	25.77	278	837565	19.85 ng/ul	99
91) Benzo(g,h,i)perylene	26.46	276	829055	19.93 ng/ul	99

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

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