Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008332.D
Acq On : 15 Dec 2016 05:13
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 06:02:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 15 02:56:44 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	133328	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	543761	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	358915	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	644616	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	727839	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	711486	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	23091	8.15	ng/uL	0.00
5) Phenol-d5	6.86	99	214999	20.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	130310	21.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	168868	21.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	170486	21.28	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	84518	21.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	94024	21.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	174126	21.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	205469	22.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	493474	20.68	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	610936	21.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	54572	15.53	ng/ul	0.00
57) Fluorene-d10	15.31	176	429993	20.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	68495	17.85	ng/ul	0.00
70) Anthracene-d10	17.16	188	611560	21.78	ng/ul	0.00
76) Pyrene-d10	19.46	212	652778	23.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	657200	22.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	26873	8.11	ng/uL	98
4) Benzaldehyde	6.83	77	160033	23.38	ng/ul	91
6) Phenol	6.88	94	222863	20.75	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.10	93	170686	21.29	ng/ul	97
10) 2-Chlorophenol	7.24	128	169664	21.59	ng/ul	99
11) 2-Methylphenol	8.12	108	167681	21.33	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.20	45	202740	22.24	ng/ul	97
14) Acetophenone	8.49	105	281055	21.46	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	150135	22.31	ng/ul	98
16) 4-Methylphenol	8.45	108	180798	21.21	ng/ul	98
17) Hexachloroethane	8.72	117	77472	21.61	ng/ul	98
20) Nitrobenzene	8.87	77	216130	21.33	ng/ul	98
21) Isophorone	9.39	82	396131	21.75	ng/ul	100
23) 2-Nitrophenol	9.57	139	97793	21.96	ng/ul	98
24) 2,4-Dimethylphenol	9.63	107	217072	21.82	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.87	93	231428	22.37	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	172740	21.48	ng/ul	97
28) Naphthalene	10.49	128	553826	21.52	ng/ul	99
30) 4-Chloroaniline	10.62	127	207039	22.46	ng/ul	98
31) Hexachlorobutadiene	10.76	225	140592	21.51	ng/ul	96
32) Caprolactam	11.43	113	45178m	17.91	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	184146	21.16	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	398666	21.43	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	246943	21.98	ng/ul	98
37) Hexachlorocyclopentadiene	12.45	237	81819	18.03	ng/ul	96
38) 2,4,6-Trichlorophenol	12.74	196	138758	21.75	ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	144613	20.78	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	525747	21.96	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	401480	21.87	ng/ul	96
42) 2-Nitroaniline	13.41	65	113042	20.82	ng/ul	95
44) Dimethylphthalate	13.77	163	491649	21.03	ng/ul	100
45) 2,6-Dinitrotoluene	13.91	165	93753	20.58	ng/ul	98
47) Acenaphthylene	14.03	152	625154	21.79	ng/ul	99
48) 3-Nitroaniline	14.25	138	83703	18.44	ng/ul	93
49) Acenaphthene	14.37	153	420886	21.34	ng/ul	98
50) 2,4-Dinitrophenol	14.48	184	36617	13.86	ng/ul	96
52) 4-Nitrophenol	14.57	109	50084	14.85	ng/ul	97
53) Dibenzofuran	14.71	168	606317	21.09	ng/ul	100
54) 2,4-Dinitrotoluene	14.72	165	134544	19.72	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.95	232	130903	20.37	ng/ul	95
56) Diethylphthalate	15.14	149	471156	20.25	ng/ul	99
58) Fluorene	15.36	166	490846	20.79	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	268093	21.36	ng/ul	99
60) 4-Nitroaniline	15.42	138	78670	18.01	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.48	198	71189	18.10	ng/ul	98
64) N-Nitrosodiphenylamine	15.58	169	409631	23.35	ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	166641	23.55	ng/ul	97
66) Hexachlorobenzene	16.37	284	181153	22.59	ng/ul	98
67) Atrazine	16.54	200	148293	20.62	ng/ul	99
68) Pentachlorophenol	16.73	266	77812	17.94	ng/ul	97
69) Phenanthrene	17.10	178	723916	21.91	ng/ul	99
71) Anthracene	17.20	178	739837	22.06	ng/ul	100
72) Carbazole	17.48	167	583821	19.77	ng/ul	98
73) Di-n-butylphthalate	18.03	149	694253	21.02	ng/ul	100
74) Fluoranthene	19.13	202	791439	19.51	ng/ul	99
77) Pyrene	19.50	202	819030	22.92	ng/ul	99
78) Butylbenzylphthalate	20.40	149	288620	22.52	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.19	252	265515	20.82	ng/ul	99
80) Benzo(a)anthracene	21.24	228	815414	21.68	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	413881	22.05	ng/ul	100
82) Chrysene	21.30	228	784002	21.67	ng/ul	100
84) Di-n-octyl phthalate	22.04	149	723135	21.18	ng/ul	100
85) Benzo(b)fluoranthene	22.83	252	821128	21.38	ng/ul	100
86) Benzo(k)fluoranthene	22.87	252	824694	22.44	ng/ul	100
88) Benzo(a)pyrene	23.40	252	810006	21.89	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.73	276	992324	22.09	ng/ul	98
90) Dibenzo(a,h)anthracene	25.74	278	834940	22.13	ng/ul	99
91) Benzo(g,h,i)perylene	26.42	276	830065	22.09	ng/ul	99

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

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