Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000596.D
Acq On : 24 Mar 2018 01:42
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02032

Quant Time: Mar 24 02:44:22 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 23 23:09:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	195280	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	849464	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	461227	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	977309	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	895521	20.00	ng/ul	-0.01
83) Perylene-d12	24.35	264	777512	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	41387	7.57	ng/uL	0.00
5) Phenol-d5	7.55	99	365043	20.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	213916	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	268411	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	288425	20.32	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	129641	18.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	136051	19.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	250886	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	327867	24.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	733083	20.12	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	944916	19.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	125684	18.58	ng/ul	0.00
57) Fluorene-d10	16.01	176	617188	19.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	92358	16.50	ng/ul	0.00
70) Anthracene-d10	17.85	188	906188	19.29	ng/ul	0.00
76) Pyrene-d10	20.11	212	934679	18.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	735912	20.05	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	45225	7.682	ng/uL#	85
4) Benzaldehyde	7.53	77	152906	20.586	ng/ul	93
6) Phenol	7.58	94	375918	20.225	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.81	93	298024	20.206	ng/ul	94
10) 2-Chlorophenol	7.97	128	277112	19.702	ng/ul	97
11) 2-Methylphenol	8.85	108	275074	20.179	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.94	45	325780	20.495	ng/ul#	93
14) Acetophenone	9.24	105	444146	21.054	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.22	70	222078	20.128	ng/ul	94
16) 4-Methylphenol	9.18	108	301627	20.668	ng/ul	96
17) Hexachloroethane	9.51	117	114000	19.426	ng/ul#	70
20) Nitrobenzene	9.64	77	334411	19.636	ng/ul	94
21) Isophorone	10.15	82	632617	19.486	ng/ul	97
23) 2-Nitrophenol	10.35	139	148286	19.291	ng/ul	92
24) 2,4-Dimethylphenol	10.40	107	321530	19.418	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.63	93	395929	19.309	ng/ul	97
27) 2,4-Dichlorophenol	10.89	162	246808	19.849	ng/ul#	93
28) Naphthalene	11.30	128	872000	19.548	ng/ul	99
30) 4-Chloroaniline	11.40	127	332820	24.934	ng/ul	97
31) Hexachlorobutadiene	11.57	225	135985	19.736	ng/ul	98
32) Caprolactam	12.15	113	92405	20.329	ng/ul	85
33) 4-Chloro-3-methylphenol	12.50	107	300472	20.555	ng/ul	97
34) 2-Methylnaphthalene	12.88	142	596648	20.033	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.24	216	265327	19.148 ng/ul#	96
37) Hexachlorocyclopentadiene	13.21	237	152757	21.141 ng/ul	98
38) 2,4,6-Trichlorophenol	13.48	196	178053	18.944 ng/ul	98
39) 2,4,5-Trichlorophenol	13.55	196	186843	19.065 ng/ul	97
40) 1,1'-Biphenyl	13.87	154	765515	19.497 ng/ul#	94
41) 2-Chloronaphthalene	13.92	162	586936	19.392 ng/ul	96
42) 2-Nitroaniline	14.11	65	183868	20.050 ng/ul	96
44) Dimethylphthalate	14.47	163	724101	20.090 ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	149224	20.545 ng/ul#	88
47) Acenaphthylene	14.76	152	923852	19.618 ng/ul	99
48) 3-Nitroaniline	14.93	138	152410	21.734 ng/ul#	91
49) Acenaphthene	15.10	153	628119	19.562 ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	66056	19.277 ng/ul#	79
52) 4-Nitrophenol	15.23	109	103464	19.788 ng/ul	86
53) Dibenzofuran	15.42	168	869969	19.949 ng/ul	98
54) 2,4-Dinitrotoluene	15.38	165	215085	20.888 ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.64	232	145325	19.418 ng/ul#	93
56) Diethylphthalate	15.81	149	747160	20.309 ng/ul	96
58) Fluorene	16.07	166	695995	20.083 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.05	204	323517	20.203 ng/ul#	86
60) 4-Nitroaniline	16.08	138	157369	19.975 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.14	198	96537	16.337 ng/ul#	86
64) N-Nitrosodiphenylamine	16.26	169	601048	18.668 ng/ul	98
65) 4-Bromophenyl-phenylether	16.94	248	190004	19.074 ng/ul#	88
66) Hexachlorobenzene	17.07	284	205952	19.580 ng/ul#	87
67) Atrazine	17.19	200	204007	21.009 ng/ul	95
68) Pentachlorophenol	17.40	266	106821	19.237 ng/ul	99
69) Phenanthrene	17.80	178	1086414	19.296 ng/ul	100
71) Anthracene	17.89	178	1106862	19.173 ng/ul	98
72) Carbazole	18.15	167	994559	20.089 ng/ul	98
73) Di-n-butylphthalate	18.67	149	1262480	18.752 ng/ul	99
74) Fluoranthene	19.78	202	1184145	21.165 ng/ul#	81
77) Pyrene	20.14	202	1205526	18.431 ng/ul#	76
78) Butylbenzylphthalate	20.98	149	594522	18.299 ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.78	252	331746	18.962 ng/ul#	96
80) Benzo(a)anthracene	21.86	228	1110031	18.604 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	854914	18.125 ng/ul#	97
82) Chrysene	21.92	228	1045835	18.697 ng/ul	98
84) Di-n-octyl phthalate	22.69	149	1438454	21.980 ng/ul	100
85) Benzo(b)fluoranthene	23.60	252	1004250	20.441 ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	951639	20.064 ng/ul#	95
88) Benzo(a)pyrene	24.25	252	901346	19.494 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.91	276	857110	17.191 ng/ul#	79
90) Dibenzo(a,h)anthracene	26.92	278	716564	17.252 ng/ul#	91
91) Benzo(g,h,i)perylene	27.70	276	682281	16.467 ng/ul#	88

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

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