Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000615.D
Acq On : 26 Mar 2018 12:28
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02034

Quant Time: Mar 27 02:15:42 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 05:47:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	112258	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	498468	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	285760	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	617817	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	627482	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	697811	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	22519	7.17	ng/uL	0.00
5) Phenol-d5	7.55	99	213151	20.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	121826	20.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	156713	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	170734	20.93	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	77668	19.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	82942	19.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	150417	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	199852	25.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	465318	20.61	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	585019	19.64	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	82040	19.57	ng/ul	0.00
57) Fluorene-d10	16.01	176	395555	20.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	59195	16.73	ng/ul	0.00
70) Anthracene-d10	17.85	188	580000	19.53	ng/ul	0.00
76) Pyrene-d10	20.11	212	619754	17.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	641590	19.48	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	24242	7.163	ng/uL#	88
4) Benzaldehyde	7.53	77	91846	21.510	ng/ul	90
6) Phenol	7.58	94	216083	20.223	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.81	93	168137	19.830	ng/ul	95
10) 2-Chlorophenol	7.97	128	161632	19.991	ng/ul	96
11) 2-Methylphenol	8.85	108	162509	20.738	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.93	45	187353	20.503	ng/ul#	94
14) Acetophenone	9.24	105	264256	21.791	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.21	70	133596	21.064	ng/ul	94
16) 4-Methylphenol	9.18	108	176694	21.061	ng/ul	98
17) Hexachloroethane	9.51	117	65978	19.558	ng/ul#	71
20) Nitrobenzene	9.64	77	194978	19.510	ng/ul	94
21) Isophorone	10.15	82	392613	20.609	ng/ul	98
23) 2-Nitrophenol	10.35	139	88495	19.619	ng/ul	92
24) 2,4-Dimethylphenol	10.40	107	195459	20.116	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.63	93	235994	19.614	ng/ul	98
27) 2,4-Dichlorophenol	10.90	162	145199	19.900	ng/ul#	94
28) Naphthalene	11.30	128	513527	19.618	ng/ul	99
30) 4-Chloroaniline	11.40	127	200201	25.560	ng/ul	97
31) Hexachlorobutadiene	11.57	225	82023	20.286	ng/ul	97
32) Caprolactam	12.15	113	62767	23.532	ng/ul	88
33) 4-Chloro-3-methylphenol	12.51	107	185062	21.574	ng/ul	98
34) 2-Methylnaphthalene	12.88	142	358102	20.491	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	13.25	216	161744	18.840	ng/ul#	94
37) Hexachlorocyclopentadiene	13.21	237	91715	20.487	ng/ul	99
38) 2,4,6-Trichlorophenol	13.48	196	111095	19.078	ng/ul	97
39) 2,4,5-Trichlorophenol	13.55	196	117982	19.430	ng/ul	98
40) 1,1'-Biphenyl	13.87	154	458652	18.854	ng/ul#	96
41) 2-Chloronaphthalene	13.92	162	354441	18.902	ng/ul	97
42) 2-Nitroaniline	14.12	65	115946	20.407	ng/ul	97
44) Dimethylphthalate	14.47	163	458628	20.538	ng/ul#	99
45) 2,6-Dinitrotoluene	14.60	165	93414	20.759	ng/ul	91
47) Acenaphthylene	14.76	152	568566	19.487	ng/ul	100
48) 3-Nitroaniline	14.93	138	97876	22.528	ng/ul#	92
49) Acenaphthene	15.10	153	388769	19.543	ng/ul	99
50) 2,4-Dinitrophenol	15.15	184	39517	18.614	ng/ul#	79
52) 4-Nitrophenol	15.24	109	66441	20.510	ng/ul	87
53) Dibenzofuran	15.42	168	535532	19.820	ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	135344	21.215	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.65	232	92022	19.846	ng/ul#	91
56) Diethylphthalate	15.81	149	486014	21.323	ng/ul	95
58) Fluorene	16.07	166	438625	20.429	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.05	204	203192	20.480	ng/ul#	85
60) 4-Nitroaniline	16.08	138	99265	20.337	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.15	198	62927	16.846	ng/ul#	87
64) N-Nitrosodiphenylamine	16.26	169	380468	18.693	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	121067	19.225	ng/ul#	86
66) Hexachlorobenzene	17.07	284	133540	20.083	ng/ul#	86
67) Atrazine	17.19	200	136694	22.268	ng/ul	94
68) Pentachlorophenol	17.41	266	68829	19.607	ng/ul	96
69) Phenanthrene	17.80	178	694162	19.503	ng/ul	99
71) Anthracene	17.89	178	710643	19.472	ng/ul	98
72) Carbazole	18.15	167	651260	20.810	ng/ul	97
73) Di-n-butylphthalate	18.67	149	891758	20.953	ng/ul	99
74) Fluoranthene	19.78	202	793170	22.426	ng/ul#	82
77) Pyrene	20.14	202	800771	17.472	ng/ul#	78
78) Butylbenzylphthalate	20.98	149	410956	18.052	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.78	252	268540	21.906	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	779799	18.652	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	608511	18.412	ng/ul#	97
82) Chrysene	21.92	228	729583	18.615	ng/ul	100
84) Di-n-octyl phthalate	22.69	149	1067900	18.182	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	814643	18.476	ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	780054	18.325	ng/ul#	95
88) Benzo(a)pyrene	24.25	252	789866	19.034	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.93	276	964634	21.558	ng/ul#	81
90) Dibenzo(a,h)anthracene	26.94	278	803164	21.546	ng/ul#	93
91) Benzo(g,h,i)perylene	27.72	276	813457	21.876	ng/ul#	88

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

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