Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070518\
Data File : BN001979.D
Acq On : 05 Jul 2018 22:02
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02089

Quant Time: Jul 06 01:13:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	573370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2600046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1538135	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3396864	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2810779	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	2408050	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	100856	7.64	ng/uL	0.00
5) Phenol-d5	6.89	99	1078099	20.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	650484	20.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	851436	20.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	853528	20.53	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	425365	22.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	475665	23.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	902551	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1169732	26.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2570935	19.79	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3283463	20.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	477030	19.94	ng/ul	0.00
57) Fluorene-d10	15.33	176	2246387	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	398073	21.51	ng/ul	0.00
70) Anthracene-d10	17.18	188	3354846	20.44	ng/ul	0.00
76) Pyrene-d10	19.48	212	3341648	23.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	2641998	20.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	105555	7.761	ng/uL#	76
4) Benzaldehyde	6.86	77	692521	21.861	ng/ul	93
6) Phenol	6.91	94	1087568	20.784	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	821503	20.252	ng/ul	93
10) 2-Chlorophenol	7.28	128	848753	20.382	ng/ul	99
11) 2-Methylphenol	8.15	108	829517	20.725	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1322870	20.790	ng/ul	95
14) Acetophenone	8.52	105	1328585	20.813	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.51	70	686906	20.865	ng/ul#	90
16) 4-Methylphenol	8.48	108	909796	20.860	ng/ul	94
17) Hexachloroethane	8.78	117	326451	19.882	ng/ul	84
20) Nitrobenzene	8.90	77	987562	20.836	ng/ul	93
21) Isophorone	9.42	82	1894666	20.355	ng/ul	97
23) 2-Nitrophenol	9.60	139	494830	22.725	ng/ul	92
24) 2,4-Dimethylphenol	9.67	107	1007529	20.559	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.90	93	1182020	20.159	ng/ul	97
27) 2,4-Dichlorophenol	10.13	162	860681	20.766	ng/ul	98
28) Naphthalene	10.53	128	2769202	20.071	ng/ul	99
30) 4-Chloroaniline	10.64	127	1146067	26.256	ng/ul	98
31) Hexachlorobutadiene	10.82	225	505893	19.989	ng/ul	98
32) Caprolactam	11.40	113	296304	20.529	ng/ul	83
33) 4-Chloro-3-methylphenol	11.77	107	941912	20.617	ng/ul	95
34) 2-Methylnaphthalene	12.15	142	1996315	19.948	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	1023198	20.481 ng/ul#	96
37) Hexachlorocyclopentadiene	12.50	237	508520	16.695 ng/ul	98
38) 2,4,6-Trichlorophenol	12.76	196	707391	21.710 ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	732365	21.108 ng/ul	98
40) 1,1'-Biphenyl	13.17	154	2604045	20.382 ng/ul#	97
41) 2-Chloronaphthalene	13.20	162	2027956	20.334 ng/ul	97
42) 2-Nitroaniline	13.42	65	638637	22.953 ng/ul	97
44) Dimethylphthalate	13.80	163	2499997	19.583 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	536773	22.268 ng/ul	98
47) Acenaphthylene	14.06	152	3158040	20.404 ng/ul	100
48) 3-Nitroaniline	14.25	138	566209	24.467 ng/ul	100
49) Acenaphthene	14.40	153	2158900	20.107 ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	264681	21.401 ng/ul#	90
52) 4-Nitrophenol	14.56	109	334581	18.804 ng/ul#	70
53) Dibenzofuran	14.74	168	3089399	20.056 ng/ul	96
54) 2,4-Dinitrotoluene	14.70	165	765465	21.358 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.97	232	643978	21.030 ng/ul#	81
56) Diethylphthalate	15.17	149	2492787	19.268 ng/ul	98
58) Fluorene	15.39	166	2424668	19.730 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	1204427	19.563 ng/ul	92
60) 4-Nitroaniline	15.41	138	595692	20.850 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.47	198	420014	21.387 ng/ul	96
64) N-Nitrosodiphenylamine	15.60	169	2159804	21.261 ng/ul	98
65) 4-Bromophenyl-phenylether	16.28	248	783371	21.230 ng/ul	95
66) Hexachlorobenzene	16.39	284	832436	20.031 ng/ul#	91
67) Atrazine	16.56	200	751435	20.282 ng/ul	99
68) Pentachlorophenol	16.73	266	482881	21.012 ng/ul	97
69) Phenanthrene	17.13	178	3848218	20.111 ng/ul	99
71) Anthracene	17.22	178	3956096	20.425 ng/ul	98
72) Carbazole	17.49	167	3475353	21.419 ng/ul	98
73) Di-n-butylphthalate	18.06	149	4266638	20.825 ng/ul	100
74) Fluoranthene	19.15	202	4253737	21.148 ng/ul#	88
77) Pyrene	19.51	202	4181607	23.773 ng/ul#	87
78) Butylbenzylphthalate	20.43	149	1876269	24.997 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.20	252	1207008	22.629 ng/ul#	97
80) Benzo(a)anthracene	21.27	228	3672895	20.676 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.21	149	2568651	22.949 ng/ul#	98
82) Chrysene	21.32	228	3405422	20.603 ng/ul	100
84) Di-n-octyl phthalate	22.09	149	4299046	26.920 ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	3209150	21.100 ng/ul#	96
86) Benzo(k)fluoranthene	22.89	252	2958173	20.058 ng/ul#	97
88) Benzo(a)pyrene	23.42	252	2896417	20.379 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.74	276	3163063	20.915 ng/ul#	87
90) Dibenzo(a,h)anthracene	25.76	278	2653985	21.086 ng/ul#	95
91) Benzo(g,h,i)perylene	26.42	276	2521485	20.212 ng/ul#	91

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

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