Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032118\
Data File : BN000513.D
Acq On : 21 Mar 2018 11:18
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02024

Quant Time: Mar 22 01:27:41 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 21 00:17:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	205542	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	916316	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	510179	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	1048780	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	877184	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	722018	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	43777	7.61	ng/uL	0.00
5) Phenol-d5	7.55	99	395314	20.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	226101	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	288054	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	317410	21.25	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	138016	18.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	142271	18.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	274924	19.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	361839	25.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	817445	20.28	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	1040965	19.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	141160	18.86	ng/ul	0.01
57) Fluorene-d10	16.02	176	682229	19.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	82865	13.80	ng/ul	0.00
70) Anthracene-d10	17.86	188	979862	19.44	ng/ul	0.00
76) Pyrene-d10	20.11	212	974949	20.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	679045	19.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	47557	7.675	ng/uL#	85
4) Benzaldehyde	7.54	77	167642	21.443	ng/ul	89
6) Phenol	7.58	94	403034	20.601	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.81	93	314728	20.273	ng/ul	95
10) 2-Chlorophenol	7.97	128	294915	19.921	ng/ul	98
11) 2-Methylphenol	8.85	108	298249	20.787	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.94	45	345692	20.661	ng/ul#	93
14) Acetophenone	9.25	105	485522	21.867	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.22	70	247952	21.351	ng/ul	94
16) 4-Methylphenol	9.19	108	327676	21.332	ng/ul	93
17) Hexachloroethane	9.51	117	119506	19.348	ng/ul#	71
20) Nitrobenzene	9.64	77	352238	19.174	ng/ul	95
21) Isophorone	10.16	82	715853	20.441	ng/ul	98
23) 2-Nitrophenol	10.35	139	159036	19.180	ng/ul	93
24) 2,4-Dimethylphenol	10.40	107	356633	19.967	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.64	93	438672	19.833	ng/ul	97
27) 2,4-Dichlorophenol	10.90	162	269083	20.062	ng/ul#	94
28) Naphthalene	11.31	128	943465	19.607	ng/ul	99
30) 4-Chloroaniline	11.41	127	366552	25.458	ng/ul	98
31) Hexachlorobutadiene	11.57	225	145963	19.638	ng/ul	98
32) Caprolactam	12.16	113	105062	21.427	ng/ul	82
33) 4-Chloro-3-methylphenol	12.51	107	333951	21.179	ng/ul	99
34) 2-Methylnaphthalene	12.88	142	653112	20.329	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.25	216	289837	18.910	ng/ul#	96
37) Hexachlorocyclopentadiene	13.22	237	135684	16.977	ng/ul	97
38) 2,4,6-Trichlorophenol	13.48	196	202689	19.496	ng/ul	97
39) 2,4,5-Trichlorophenol	13.55	196	211661	19.525	ng/ul	96
40) 1,1'-Biphenyl	13.87	154	838617	19.309	ng/ul#	96
41) 2-Chloronaphthalene	13.92	162	641101	19.150	ng/ul	95
42) 2-Nitroaniline	14.12	65	191987	18.927	ng/ul	97
44) Dimethylphthalate	14.47	163	805233	20.197	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	157119	19.557	ng/ul#	88
47) Acenaphthylene	14.76	152	1021611	19.612	ng/ul	100
48) 3-Nitroaniline	14.93	138	165643	21.355	ng/ul#	93
49) Acenaphthene	15.10	153	696681	19.616	ng/ul	100
50) 2,4-Dinitrophenol	15.14	184	48517	12.800	ng/ul#	78
52) 4-Nitrophenol	15.23	109	113924	19.698	ng/ul	85
53) Dibenzofuran	15.43	168	956402	19.826	ng/ul	100
54) 2,4-Dinitrotoluene	15.38	165	231767	20.348	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.65	232	162939	19.683	ng/ul#	93
56) Diethylphthalate	15.82	149	838494	20.605	ng/ul	96
58) Fluorene	16.07	166	767417	20.020	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.05	204	358383	20.233	ng/ul#	87
60) 4-Nitroaniline	16.08	138	176950	20.306	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.14	198	88881	14.017	ng/ul#	85
64) N-Nitrosodiphenylamine	16.27	169	663422	19.201	ng/ul	98
65) 4-Bromophenyl-phenylether	16.94	248	208488	19.503	ng/ul#	87
66) Hexachlorobenzene	17.07	284	221594	19.632	ng/ul#	86
67) Atrazine	17.19	200	224076	21.503	ng/ul	95
68) Pentachlorophenol	17.41	266	82628	13.866	ng/ul	98
69) Phenanthrene	17.80	178	1173591	19.424	ng/ul	99
71) Anthracene	17.89	178	1202481	19.410	ng/ul	97
72) Carbazole	18.15	167	1075365	20.241	ng/ul	97
73) Di-n-butylphthalate	18.68	149	1409777	19.513	ng/ul	99
74) Fluoranthene	19.78	202	1252126	20.855	ng/ul#	82
77) Pyrene	20.14	202	1254696	19.584	ng/ul#	77
78) Butylbenzylphthalate	20.99	149	609007	19.137	ng/ul#	87
79) 3,3'-Dichlorobenzidine	21.78	252	312414	18.230	ng/ul#	94
80) Benzo(a)anthracene	21.87	228	1090640	18.661	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	837288	18.122	ng/ul#	97
82) Chrysene	21.92	228	1022931	18.670	ng/ul	99
84) Di-n-octyl phthalate	22.69	149	1298106	21.360	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	909033	19.925	ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	890418	20.217	ng/ul#	95
88) Benzo(a)pyrene	24.25	252	840768	19.581	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.92	276	816162	17.628	ng/ul#	81
90) Dibenzo(a,h)anthracene	26.93	278	686503	17.799	ng/ul#	91
91) Benzo(g,h,i)perylene	27.71	276	672166	17.470	ng/ul#	87

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

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