Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031918\
Data File : BN000470.D
Acq On : 20 Mar 2018 00:59
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02019

Quant Time: Mar 20 02:03:28 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 20 01:58:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	257364	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	1137126	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	612542	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.77	188	1247327	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	1152640	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	1094248	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	53897	7.48	ng/uL	0.00
5) Phenol-d5	7.55	99	490026	20.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.73	67	285317	20.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	362610	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	389554	20.83	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	177412	19.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	185805	19.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	337057	19.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	441846	25.10	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	946161	19.55	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	1233093	19.32	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	181313	20.18	ng/ul	0.00
57) Fluorene-d10	16.02	176	791241	19.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	132583	18.56	ng/ul	0.00
70) Anthracene-d10	17.86	188	1152508	19.22	ng/ul	0.00
76) Pyrene-d10	20.12	212	1181685	18.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	1013970	19.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	57599	7.424	ng/uL#	87
4) Benzaldehyde	7.54	77	217038	22.171	ng/ul	90
6) Phenol	7.58	94	504510	20.595	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.82	93	397662	20.457	ng/ul	95
10) 2-Chlorophenol	7.97	128	367944	19.850	ng/ul	97
11) 2-Methylphenol	8.85	108	370266	20.610	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.94	45	435146	20.771	ng/ul#	94
14) Acetophenone	9.25	105	596293	21.448	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.22	70	299693	20.610	ng/ul	94
16) 4-Methylphenol	9.19	108	402432	20.923	ng/ul	94
17) Hexachloroethane	9.52	117	151381	19.574	ng/ul#	72
20) Nitrobenzene	9.64	77	441940	19.385	ng/ul	94
21) Isophorone	10.16	82	860623	19.803	ng/ul	98
23) 2-Nitrophenol	10.36	139	202631	19.692	ng/ul	91
24) 2,4-Dimethylphenol	10.40	107	437158	19.722	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.64	93	540160	19.679	ng/ul	98
27) 2,4-Dichlorophenol	10.90	162	331254	19.901	ng/ul#	94
28) Naphthalene	11.31	128	1162325	19.464	ng/ul	99
30) 4-Chloroaniline	11.41	127	446411	24.983	ng/ul	99
31) Hexachlorobutadiene	11.58	225	174474	18.916	ng/ul	97
32) Caprolactam	12.15	113	126835	20.845	ng/ul	88
33) 4-Chloro-3-methylphenol	12.50	107	393555	20.112	ng/ul	97
34) 2-Methylnaphthalene	12.89	142	796764	19.985	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	343213	18.650	ng/ul#	94
37) Hexachlorocyclopentadiene	13.22	237	157769	16.441	ng/ul	99
38) 2,4,6-Trichlorophenol	13.48	196	238106	19.075	ng/ul	98
39) 2,4,5-Trichlorophenol	13.55	196	249309	19.154	ng/ul	97
40) 1,1'-Biphenyl	13.88	154	995278	19.087	ng/ul#	94
41) 2-Chloronaphthalene	13.92	162	766277	19.064	ng/ul	96
42) 2-Nitroaniline	14.12	65	237275	19.483	ng/ul	96
44) Dimethylphthalate	14.47	163	937954	19.594	ng/ul#	98
45) 2,6-Dinitrotoluene	14.61	165	193444	20.054	ng/ul	94
47) Acenaphthylene	14.77	152	1214803	19.423	ng/ul	100
48) 3-Nitroaniline	14.94	138	200500	21.529	ng/ul	93
49) Acenaphthene	15.10	153	823397	19.309	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	79238	17.412	ng/ul#	77
52) 4-Nitrophenol	15.22	109	141142	20.326	ng/ul	85
53) Dibenzofuran	15.43	168	1126720	19.454	ng/ul	99
54) 2,4-Dinitrotoluene	15.39	165	278897	20.394	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.65	232	194714	19.591	ng/ul#	92
56) Diethylphthalate	15.82	149	967296	19.798	ng/ul	96
58) Fluorene	16.08	166	904091	19.644	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.05	204	416417	19.581	ng/ul#	86
60) 4-Nitroaniline	16.08	138	207687	19.850	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	16.15	198	140176	18.587	ng/ul#	86
64) N-Nitrosodiphenylamine	16.27	169	781001	19.006	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	239470	18.835	ng/ul#	85
66) Hexachlorobenzene	17.07	284	255741	19.050	ng/ul#	84
67) Atrazine	17.20	200	262588	21.188	ng/ul	95
68) Pentachlorophenol	17.41	266	131450	18.547	ng/ul	97
69) Phenanthrene	17.81	178	1380470	19.211	ng/ul	99
71) Anthracene	17.90	178	1416711	19.227	ng/ul	98
72) Carbazole	18.16	167	1293668	20.474	ng/ul	98
73) Di-n-butylphthalate	18.68	149	1662851	19.352	ng/ul	100
74) Fluoranthene	19.78	202	1504295	21.067	ng/ul#	78
77) Pyrene	20.15	202	1526607	18.133	ng/ul#	77
78) Butylbenzylphthalate	20.99	149	782565	18.714	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.79	252	461742	20.505	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	1434951	18.684	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.75	149	1139644	18.772	ng/ul#	96
82) Chrysene	21.92	228	1345462	18.688	ng/ul	100
84) Di-n-octyl phthalate	22.70	149	1927865	20.932	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	1318715	19.073	ng/ul#	94
86) Benzo(k)fluoranthene	23.66	252	1291649	19.350	ng/ul#	95
88) Benzo(a)pyrene	24.27	252	1245735	19.144	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.94	276	1274763	18.167	ng/ul#	79
90) Dibenzo(a,h)anthracene	26.94	278	1063939	18.201	ng/ul#	90
91) Benzo(g,h,i)perylene	27.72	276	1028370	17.636	ng/ul#	86

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

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