Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002607.D
Acq On : 06 Sep 2018 07:09
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02031

Quant Time: Sep 06 09:03:47 2018
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	189691	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	870456	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	521664	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1192412	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	1196189	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	1045678	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	29568	7.36	ng/uL	0.00
5) Phenol-d5	6.85	99	340483	19.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	210447	19.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	275917	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	276611	19.89	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	139400	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	158073	21.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	286462	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	345670	23.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	875724	20.25	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1096459	20.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	146416	17.91	ng/ul	0.00
57) Fluorene-d10	15.29	176	755690	20.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	153496	20.22	ng/ul	0.00
70) Anthracene-d10	17.15	188	1165344	20.46	ng/ul	0.00
78) Pyrene-d10	19.45	212	1265256	22.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1129193	20.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	33361	7.759	ng/uL#	87
4) Benzaldehyde	6.82	77	224203	18.763	ng/ul	96
6) Phenol	6.88	94	343908	19.416	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.10	93	260262	19.328	ng/ul	89
10) 2-Chlorophenol	7.23	128	272072	20.398	ng/ul#	90
11) 2-Methylphenol	8.11	108	264744	19.804	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	426077	19.106	ng/ul#	86
14) Acetophenone	8.48	105	430001	19.344	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.46	70	226399	19.301	ng/ul#	83
16) 4-Methylphenol	8.43	108	289429	19.901	ng/ul	99
17) Hexachloroethane	8.72	117	108412	19.404	ng/ul	98
20) Nitrobenzene	8.85	77	320800	19.346	ng/ul	95
21) Isophorone	9.37	82	632602	19.790	ng/ul	98
23) 2-Nitrophenol	9.56	139	163185	21.307	ng/ul#	88
24) 2,4-Dimethylphenol	9.62	107	327380	20.845	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	368931	19.590	ng/ul	98
27) 2,4-Dichlorophenol	10.09	162	273446	21.092	ng/ul	98
28) Naphthalene	10.48	128	891180	19.899	ng/ul	100
30) 4-Chloroaniline	10.60	127	344793	23.564	ng/ul	99
31) Hexachlorobutadiene	10.76	225	167780	20.558	ng/ul	98
32) Caprolactam	11.36	113	99866	20.505	ng/ul#	58
33) 4-Chloro-3-methylphenol	11.73	107	310866	20.837	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	654176	19.791	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	326482	20.661 ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	147664	15.384 ng/ul	99
38) 2,4,6-Trichlorophenol	12.72	196	222429	21.861 ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	234481	21.537 ng/ul	99
40) 1,1'-Biphenyl	13.12	154	841830	20.159 ng/ul	99
41) 2-Chloronaphthalene	13.16	162	660899	20.302 ng/ul	97
42) 2-Nitroaniline	13.37	65	216821	20.912 ng/ul#	81
44) Dimethylphthalate	13.76	163	848433	20.004 ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	182687	21.320 ng/ul	97
47) Acenaphthylene	14.02	152	1018307	20.161 ng/ul	99
48) 3-Nitroaniline	14.21	138	177418	21.761 ng/ul	92
49) Acenaphthene	14.36	153	718547	20.167 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	91163	17.782 ng/ul#	1
52) 4-Nitrophenol	14.53	109	110499	17.835 ng/ul#	85
53) Dibenzofuran	14.70	168	999764	19.890 ng/ul	97
54) 2,4-Dinitrotoluene	14.67	165	266976	20.664 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.93	232	203279	21.383 ng/ul#	93
56) Diethylphthalate	15.13	149	878964	20.312 ng/ul	99
58) Fluorene	15.35	166	826338	20.094 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.35	204	408598	20.131 ng/ul	94
60) 4-Nitroaniline	15.38	138	211651	20.087 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.45	198	156095	19.931 ng/ul	99
64) N-Nitrosodiphenylamine	15.56	169	727315	20.874 ng/ul	98
65) 4-Bromophenyl-phenylether	16.24	248	258370	21.239 ng/ul	90
66) Hexachlorobenzene	16.36	284	284446	20.952 ng/ul	92
67) Atrazine	16.52	200	274309	21.534 ng/ul	98
68) Pentachlorophenol	16.70	266	146843	19.323 ng/ul	100
69) Phenanthrene	17.09	178	1334201	20.297 ng/ul	99
71) Anthracene	17.18	178	1375190	20.627 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	352509	21.142 ng/uL	99
73) Pentachlorobenzene	14.62	250	327651	20.618 ng/uL	99
74) Carbazole	17.45	167	1244441	21.048 ng/ul	99
75) Di-n-butylphthalate	18.02	149	1557521	21.670 ng/ul	100
76) Fluoranthene	19.11	202	1572117	21.013 ng/ul	99
79) Pyrene	19.47	202	1573171	21.811 ng/ul	100
80) Butylbenzylphthalate	20.38	149	732380	23.965 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.16	252	508689	21.339 ng/ul	98
82) Benzo(a)anthracene	21.23	228	1513700	20.656 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.16	149	1067537	23.289 ng/ul	99
84) Chrysene	21.28	228	1397306	20.146 ng/ul	100
86) Di-n-octyl phthalate	22.04	149	1839992	27.689 ng/ul#	93
87) Benzo(b)fluoranthene	22.80	252	1345211	21.461 ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	1293555	21.906 ng/ul	99
90) Benzo(a)pyrene	23.37	252	1208301	20.237 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.67	276	1188834	16.736 ng/ul	97
92) Dibenzo(a,h)anthracene	25.69	278	1009386	16.997 ng/ul	97
93) Benzo(g,h,i)perylene	26.35	276	961500	16.223 ng/ul	96

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

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