Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022619\
Data File : BN004511.D
Acq On : 26 Feb 2019 22:30
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02083

Quant Time: Feb 27 04:02:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 25 23:23:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	22371	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	110846	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	72854	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.12	188	183248	20.00	ng/ul	-0.01
78) Chrysene-d12	21.32	240	271730	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	350858	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	2693	7.24	ng/uL	0.00
5) Phenol-d5	6.89	99	37461	18.79	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	18078	18.07	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.26	132	33231	20.55	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	32831	19.16	ng/ul	-0.01
19) Nitrobenzene-d5	8.90	128	16090	21.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	18070	23.59	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.14	165	37837	21.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	44560	23.20	ng/ul	-0.01
44) Dimethylphthalate-d6	13.79	166	123137	19.93	ng/ul	-0.01
47) Acenaphthylene-d8	14.07	160	154250	21.07	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.57	143	23532	19.90	ng/ul	-0.01
58) Fluorene-d10	15.37	176	113768	20.92	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.49	200	21091	19.74	ng/ul	0.00
71) Anthracene-d10	17.22	188	185846	21.16	ng/ul	-0.01
79) Pyrene-d10	19.52	212	232949	19.13	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.44	264	384231	20.87	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	3204	6.998	ng/uL	90
4) Benzaldehyde	6.89	77	23324	20.379	ng/ul	95
6) Phenol	6.92	94	38180	19.180	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.17	93	26264	18.444	ng/ul	99
10) 2-Chlorophenol	7.30	128	33046	20.529	ng/ul	98
11) 2-Methylphenol	8.17	108	30474	19.140	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	29973	17.759	ng/ul	99
14) Acetophenone	8.56	105	50769	19.879	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.53	70	21351	19.489	ng/ul	99
16) 4-Methylphenol	8.49	108	34020	19.304	ng/ul	96
17) Hexachloroethane	8.80	117	12120	21.505	ng/ul	91
20) Nitrobenzene	8.94	77	33935	21.137	ng/ul	97
21) Isophorone	9.45	82	65099	19.794	ng/ul	99
23) 2-Nitrophenol	9.65	139	19561	22.766	ng/ul	97
24) 2,4-Dimethylphenol	9.69	107	40098	20.689	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.94	93	39694	18.601	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	36473	21.271	ng/ul	100
28) Naphthalene	10.57	128	116432	20.373	ng/ul	99
30) 4-Chloroaniline	10.69	127	44306	23.047	ng/ul	100
31) Hexachlorobutadiene	10.84	225	25322	22.842	ng/ul	98
32) Caprolactam	11.45	113	11027	19.045	ng/ul	92
33) 4-Chloro-3-methylphenol	11.80	107	39399	21.305	ng/ul	98
34) 2-Methylnaphthalene	12.19	142	90329	20.605	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.41	142	88764	20.532 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	53725	22.152 ng/ul	99
38) Hexachlorocyclopentadiene	12.53	237	27999	18.568 ng/ul	95
39) 2,4,6-Trichlorophenol	12.80	196	32412	22.618 ng/ul	98
40) 2,4,5-Trichlorophenol	12.86	196	35607	22.118 ng/ul	96
41) 1,1'-Biphenyl	13.20	154	118751	20.173 ng/ul	99
42) 2-Chloronaphthalene	13.25	162	94436	20.624 ng/ul	99
43) 2-Nitroaniline	13.46	65	20530	21.964 ng/ul	98
45) Dimethylphthalate	13.83	163	120730	19.766 ng/ul	100
46) 2,6-Dinitrotoluene	13.96	165	23275	21.613 ng/ul	96
48) Acenaphthylene	14.10	152	144787	20.831 ng/ul	99
49) 3-Nitroaniline	14.29	138	23679	21.545 ng/ul	97
50) Acenaphthene	14.44	153	104522	20.876 ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	11986	17.890 ng/ul	98
53) 4-Nitrophenol	14.59	109	18671	21.228 ng/ul	94
54) Dibenzofuran	14.77	168	148973	20.570 ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	36159	21.404 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.00	232	33839	23.038 ng/ul	97
57) Diethylphthalate	15.20	149	121804	20.208 ng/ul	100
59) Fluorene	15.43	166	123366	21.020 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.42	204	66023	21.260 ng/ul	99
61) 4-Nitroaniline	15.46	138	29593	20.689 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.50	198	22452	19.985 ng/ul	100
65) N-Nitrosodiphenylamine	15.64	169	106584	20.310 ng/ul	100
66) 4-Bromophenyl-phenylether	16.32	248	44487	21.727 ng/ul	99
67) Hexachlorobenzene	16.42	284	53709	22.394 ng/ul	98
68) Atrazine	16.59	200	41179	20.373 ng/ul	100
69) Pentachlorophenol	16.77	266	29805	21.319 ng/ul	97
70) Phenanthrene	17.16	178	209080	20.564 ng/ul	100
72) Anthracene	17.26	178	213412	20.849 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	54148	21.543 ng/uL	98
74) Pentachlorobenzene	14.69	250	58236	21.677 ng/uL	98
75) Carbazole	17.53	167	187768	20.531 ng/ul	100
76) Di-n-butylphthalate	18.09	149	208572	20.774 ng/ul	100
77) Fluoranthene	19.19	202	273292	21.835 ng/ul	96
80) Pyrene	19.55	202	285402	18.993 ng/ul	97
81) Butylbenzylphthalate	20.46	149	103698	20.082 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.24	252	121248	21.274 ng/ul	97
83) Benzo(a)anthracene	21.30	228	343015	20.482 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	164309	21.230 ng/ul	100
85) Chrysene	21.36	228	326742	20.552 ng/ul	100
87) Di-n-octyl phthalate	22.12	149	311250	18.529 ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	416924	20.065 ng/ul	98
89) Benzo(k)fluoranthene	22.95	252	395672	19.588 ng/ul	99
91) Benzo(a)pyrene	23.49	252	412395	20.340 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.88	276	541962	21.052 ng/ul	96
93) Dibenzo(a,h)anthracene	25.89	278	453730	21.183 ng/ul	97
94) Benzo(g,h,i)perylene	26.58	276	448792	20.800 ng/ul	96

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

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