Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022719\
Data File : BN004525.D
Acq On : 27 Feb 2019 14:21
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02085

Manual Integrations APPROVED
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2/28/2019 1:29:51 PM

Quant Time: Feb 28 05:42:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 27 05:37:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	40988	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	194861	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.37	164	124273	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.12	188	297240	20.00	ng/ul	-0.01
78) Chrysene-d12	21.32	240	383748	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	448607	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	5599	8.21	ng/uL	-0.01
5) Phenol-d5	6.89	99	69457	19.02	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	35658	19.45	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.26	132	60351	20.37	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	60202	19.17	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	29678	23.01	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.61	143	33854	25.14	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.13	165	66495	21.78	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	78521	23.26	ng/ul	-0.01
44) Dimethylphthalate-d6	13.78	166	217473	20.63	ng/ul	-0.02
47) Acenaphthylene-d8	14.07	160	264993	21.23	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.57	143	41163	20.40	ng/ul	-0.01
58) Fluorene-d10	15.37	176	187115	20.17	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.49	200	38834	22.40	ng/ul	0.00
71) Anthracene-d10	17.22	188	297914	20.91	ng/ul	-0.01
79) Pyrene-d10	19.52	212	353960	20.58	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.44	264	485676	20.63	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	6153m	7.335	ng/uL	
4) Benzaldehyde	6.89	77	43689	20.834	ng/ul	98
6) Phenol	6.92	94	69231	18.982	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	51292	19.660	ng/ul	99
10) 2-Chlorophenol	7.29	128	59279	20.099	ng/ul	100
11) 2-Methylphenol	8.16	108	55852	19.146	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	58840	19.028	ng/ul	98
14) Acetophenone	8.56	105	93265	19.932	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.53	70	42212	21.029	ng/ul	99
16) 4-Methylphenol	8.49	108	61656	19.095	ng/ul	98
17) Hexachloroethane	8.80	117	21980	21.286	ng/ul	96
20) Nitrobenzene	8.94	77	60523	21.444	ng/ul	99
21) Isophorone	9.45	82	127855	22.114	ng/ul	98
23) 2-Nitrophenol	9.64	139	36144	23.929	ng/ul	98
24) 2,4-Dimethylphenol	9.69	107	72035	21.142	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	76998	20.525	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	64048	21.248	ng/ul	99
28) Naphthalene	10.57	128	203347	20.240	ng/ul	99
30) 4-Chloroaniline	10.69	127	78156	23.126	ng/ul	98
31) Hexachlorobutadiene	10.84	225	41737	21.417	ng/ul	97
32) Caprolactam	11.45	113	22245	21.855	ng/ul	99
33) 4-Chloro-3-methylphenol	11.80	107	69382	21.342	ng/ul	99
34) 2-Methylnaphthalene	12.18	142	155849	20.223	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.40	142	152096	20.013	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	86820	20.986	ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	56115	21.816	ng/ul	99
39) 2,4,6-Trichlorophenol	12.79	196	56235	23.005	ng/ul	99
40) 2,4,5-Trichlorophenol	12.86	196	61297	22.322	ng/ul	96
41) 1,1'-Biphenyl	13.20	154	204906	20.406	ng/ul	99
42) 2-Chloronaphthalene	13.25	162	160928	20.604	ng/ul	99
43) 2-Nitroaniline	13.46	65	37735	23.667	ng/ul	100
45) Dimethylphthalate	13.83	163	210713	20.224	ng/ul	100
46) 2,6-Dinitrotoluene	13.96	165	41691	22.696	ng/ul	100
48) Acenaphthylene	14.10	152	246791	20.816	ng/ul	100
49) 3-Nitroaniline	14.29	138	41925	22.363	ng/ul	98
50) Acenaphthene	14.44	153	175435	20.542	ng/ul	98
51) 2,4-Dinitrophenol	14.49	184	24887	21.777	ng/ul	99
53) 4-Nitrophenol	14.59	109	30157	20.101	ng/ul	99
54) Dibenzofuran	14.77	168	249088	20.163	ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	63524	22.045	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.00	232	56967	22.737	ng/ul	97
57) Diethylphthalate	15.20	149	212881	20.705	ng/ul	100
59) Fluorene	15.42	166	202279	20.205	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.42	204	108858	20.549	ng/ul	99
61) 4-Nitroaniline	15.46	138	50437	20.672	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.50	198	41162	22.588	ng/ul	97
65) N-Nitrosodiphenylamine	15.63	169	180157	21.164	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	72666	21.879	ng/ul	98
67) Hexachlorobenzene	16.42	284	84649	21.759	ng/ul	100
68) Atrazine	16.59	200	70804	21.596	ng/ul	98
69) Pentachlorophenol	16.76	266	49535	21.844	ng/ul	100
70) Phenanthrene	17.16	178	338705	20.538	ng/ul	99
72) Anthracene	17.26	178	345167	20.789	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	88593	21.730	ng/uL	99
74) Pentachlorobenzene	14.69	250	94703	21.732	ng/uL	99
75) Carbazole	17.53	167	309498	20.863	ng/ul	100
76) Di-n-butylphthalate	18.09	149	376120	23.095	ng/ul	100
77) Fluoranthene	19.19	202	424402	20.904	ng/ul	98
80) Pyrene	19.55	202	433477	20.426	ng/ul	100
81) Butylbenzylphthalate	20.46	149	181176	24.844	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.25	252	176991	21.989	ng/ul	100
83) Benzo(a)anthracene	21.30	228	481613	20.363	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	275103	25.169	ng/ul	99
85) Chrysene	21.36	228	454030	20.222	ng/ul	100
87) Di-n-octyl phthalate	22.12	149	487137	22.680	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	532877	20.057	ng/ul	99
89) Benzo(k)fluoranthene	22.95	252	512580	19.846	ng/ul	99
91) Benzo(a)pyrene	23.49	252	517542	19.964	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.88	276	664144	20.176	ng/ul	98
93) Dibenzo(a,h)anthracene	25.89	278	553204	20.200	ng/ul	98
94) Benzo(g,h,i)perylene	26.59	276	553780	20.073	ng/ul	98

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

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