Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
Data File : BN009981.D
Acq On : 28 Feb 2020 09:48
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02069

Quant Time: Feb 28 12:46:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	102011	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	441632	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.02	164	297174	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	667302	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	673634	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	682989	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	18878	7.61	ng/uL	0.00
5) Phenol-d5	6.58	99	173398	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	123241	20.58	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.92	132	139122	21.30	ng/ul	-0.01
13) 4-Methylphenol-d8	8.09	113	143198	20.75	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	66176	20.48	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.23	143	73757	20.87	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.76	165	144051	21.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	168793	22.11	ng/ul	-0.01
44) Dimethylphthalate-d6	13.45	166	450188	20.28	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	541309	20.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	74500	18.38	ng/ul	-0.01
58) Fluorene-d10	15.02	176	396736	20.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	70484	17.00	ng/ul	0.00
71) Anthracene-d10	16.87	188	632223	20.67	ng/ul	0.00
79) Pyrene-d10	19.19	212	694653	19.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	701887	20.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	21138	7.419	ng/uL	94
4) Benzaldehyde	6.55	77	90978	15.767	ng/ul	92
6) Phenol	6.60	94	182984	19.679	ng/ul	90
8) Bis(2-Chloroethyl)ether	6.82	93	147604	20.197	ng/ul	93
10) 2-Chlorophenol	6.95	128	141565	20.574	ng/ul	95
11) 2-Methylphenol	7.83	108	138288	20.324	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.90	45	410343	22.904	ng/ul	99
14) Acetophenone	8.19	105	236906	21.064	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.18	70	128804	21.918	ng/ul	94
16) 4-Methylphenol	8.15	108	155564	20.836	ng/ul	97
17) Hexachloroethane	8.42	117	65837	21.031	ng/ul	95
20) Nitrobenzene	8.56	77	198264	20.825	ng/ul	98
21) Isophorone	9.08	82	346852	20.701	ng/ul	99
23) 2-Nitrophenol	9.26	139	81317	20.560	ng/ul	96
24) 2,4-Dimethylphenol	9.33	107	178230	20.755	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.56	93	210466	20.553	ng/ul	99
27) 2,4-Dichlorophenol	9.79	162	143144	20.880	ng/ul	98
28) Naphthalene	10.17	128	491752	20.649	ng/ul	100
30) 4-Chloroaniline	10.30	127	178272	22.803	ng/ul	99
31) Hexachlorobutadiene	10.45	225	93641	20.425	ng/ul	91
32) Caprolactam	11.09	113	44781	19.478	ng/ul#	74
33) 4-Chloro-3-methylphenol	11.44	107	169271	21.593	ng/ul	97
34) 2-Methylnaphthalene	11.79	142	342875	20.734	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.02	142	350033	21.117 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.17	216	173766	19.727 ng/ul	97
38) Hexachlorocyclopentadiene	12.15	237	56257	14.761 ng/ul	96
39) 2,4,6-Trichlorophenol	12.43	196	109479	19.583 ng/ul	98
40) 2,4,5-Trichlorophenol	12.51	196	118142	19.698 ng/ul	98
41) 1,1'-Biphenyl	12.83	154	461333	20.212 ng/ul	97
42) 2-Chloronaphthalene	12.87	162	363427	20.049 ng/ul	98
43) 2-Nitroaniline	13.10	65	142940	21.563 ng/ul	98
45) Dimethylphthalate	13.49	163	466048	20.121 ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	94551	20.852 ng/ul	99
48) Acenaphthylene	13.73	152	578203	20.434 ng/ul	99
49) 3-Nitroaniline	13.95	138	77203	18.442 ng/ul	91
50) Acenaphthene	14.08	153	390434	20.128 ng/ul	99
51) 2,4-Dinitrophenol	14.18	184	35568	13.664 ng/ul	93
53) 4-Nitrophenol	14.28	109	72821	19.907 ng/ul	88
54) Dibenzofuran	14.42	168	555151	20.390 ng/ul	99
55) 2,4-Dinitrotoluene	14.43	165	144084	21.441 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.66	232	105635	20.485 ng/ul	98
57) Diethylphthalate	14.87	149	488931	20.558 ng/ul	98
59) Fluorene	15.07	166	460286	20.145 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.08	204	231272	20.523 ng/ul	96
61) 4-Nitroaniline	15.13	138	79894	15.651 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.20	198	74906	16.774 ng/ul	95
65) N-Nitrosodiphenylamine	15.30	169	393761	19.888 ng/ul	98
66) 4-Bromophenyl-phenylether	15.97	248	130415	19.531 ng/ul	93
67) Hexachlorobenzene	16.09	284	143491	19.421 ng/ul	97
68) Atrazine	16.27	200	142456	18.967 ng/ul	93
69) Pentachlorophenol	16.45	266	74300	17.401 ng/ul	95
70) Phenanthrene	16.82	178	762730	20.028 ng/ul	99
72) Anthracene	16.91	178	778474	19.996 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.79	216	179359	18.397 ng/uL	90
74) Pentachlorobenzene	14.35	250	173401	18.444 ng/uL	95
75) Carbazole	17.19	167	658045	19.194 ng/ul	98
76) Di-n-butylphthalate	17.77	149	838637	19.818 ng/ul	98
77) Fluoranthene	18.85	202	898004	20.131 ng/ul	96
80) Pyrene	19.22	202	929182	19.132 ng/ul	97
81) Butylbenzylphthalate	20.15	149	381929	19.130 ng/ul	96
82) 3,3'-Dichlorobenzidine	20.93	252	228879	15.583 ng/ul	91
83) Benzo(a)anthracene	20.99	228	886926	19.159 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	583167	19.132 ng/ul	98
85) Chrysene	21.04	228	869802	19.085 ng/ul	97
87) Di-n-octyl phthalate	21.79	149	972003	18.803 ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	882397	19.927 ng/ul	99
89) Benzo(k)fluoranthene	22.52	252	861003	20.534 ng/ul	99
91) Benzo(a)pyrene	23.01	252	810861	20.359 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.14	276	960401	20.310 ng/ul	96
93) Dibenzo(a,h)anthracene	25.14	278	807016	19.950 ng/ul	98
94) Benzo(g,h,i)perylene	25.76	276	781530	19.711 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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